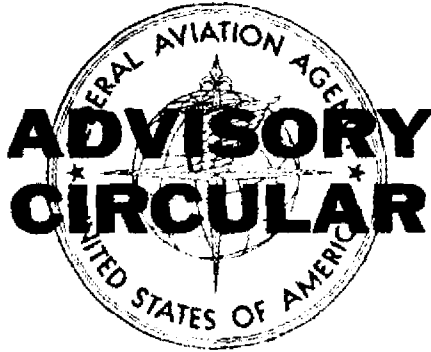


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Federal Aviation Agency

AC NO: 121-1
12/15/62



**STANDARD
MAINTENANCE
SPECIFICATIONS
HANDBOOK**

AC NO: 121-1 CHG 28

DATE: 4/27/73



ADVISORY CIRCULAR

**DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION**

SUBJECT: STANDARD MAINTENANCE SPECIFICATIONS HANDBOOK

PURPOSE. This advisory circular change transmits revised operations specifications for the HFB 320 Hansa Jet aircraft.

PAGE CONTROL CHART

Remove Pages	dated	Insert Pages	dated
Appendix 2 233 thru 240	4/30/71	Appendix 2 233 thru 240-7	4/27/73

A handwritten signature in cursive script, reading "C. R. Melugin, Jr.", is written over the bottom left portion of the table.

C. R. MELUGIN, JR.
Acting Director, Flight Standards Service

Initiated by: AFS-340

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STANDARD MAINTENANCE SPECIFICATIONS

CHAPTER 1. INTRODUCTION

- *1. PURPOSE. This document prescribes, for air carrier aircraft of 12,500 pounds or over certificated takeoff weight, reasonable methods of determining initial overhaul time limits and periodic inspection intervals for both new and used airframes, powerplants, propellers, and appliances. Under the provisions of Federal Aviation Regulations 121 and 127, the FAA approves for each aircraft "Operations Specifications - Aircraft Maintenance" which contain maintenance intervals for airframes, powerplants, propellers, and appliances. Such approved overhaul time limits and maintenance intervals apply only to the aircraft used by each individual air carrier and are not transferable from one air carrier to another.
2. ELIGIBILITY. Standard Maintenance Specifications or Maintenance Review Board time limits may be applied to aircraft being placed on FAR certificates 121 and 127.
3. DEFINITIONS. Terms as used in this document are defined as follows:
 - a. Aircraft. An aircraft is any contrivance now known or hereafter invented, used, or designed for navigation of or flight in the air, including airframes, powerplants, propellers, and appliances.
 - b. Previous Operator. The last operator who utilized the aircraft prior to its sale or lease.
 - c. Seller. Same as "Previous Operator."
 - d. New Operator. A new operator is a person who acquires an aircraft through purchase or lease for operation in accordance with his operating certificate and who HAS NOT had a previously approved maintenance program for such type aircraft.
 - e. Buyer. A person who acquires an aircraft through purchase or lease for operation in accordance with his operating certificate and who HAS an approved maintenance program for such type aircraft.
 - f. Approved Time Limits. Approved time limits are those which appear on the carrier's approved "Operations Specifications - Aircraft Maintenance," FAA Form 1014.
 - g. Maintenance Review Board. A Maintenance Review Board is a body of FAA maintenance specialists organized to evaluate, establish, and revise inspection and overhaul time limits for transport aircraft intended for use in U.S. air carrier operations.
 - h. Maintenance Review Board Report. That document formulated by the Maintenance Review Board that provides an acceptable initial maintenance program for a specific aircraft or powerplant. *

1. Proration. A process by which an operator calculates the time since overhaul on a newly acquired airframe and its installed powerplants and appliances when his approved overhaul time differs from that of the previous operator.
- j. On Condition. Items and appliances listed as "On Condition" must be restricted to components on which a determination of continued airworthiness may be made by visual inspection, measurements, tests, or other means without a teardown inspection or overhaul. These "On Condition" checks are to be performed within the time limitations prescribed for the inspection or check. Performance tolerances and wear or deterioration limits shall be contained in the air carrier's maintenance manual. If an item or appliance cannot be maintained in a condition of continued airworthiness by use of "On Condition" procedures, it must be placed on specific time limitation control or be controlled by an acceptable standard for determining time limitations (for example, hard time or condition monitoring). (Note: Condition monitoring programs on other than the new wide body jets (B-747, DC-10, L-1011) require prior approval of FS-300). *

Additional criteria to be used in determining the eligibility of an item or appliance for "On Condition" overhaul or replacement are:

- (1) Perceptibility of wear or other deterioration of moving parts without disassembly; and,
- (2) Adaptability to inspection for detection of corrosion and internal structural integrity without disassembly, when such parts or areas have an appreciable effect on continued airworthiness.

4. GENERAL.

- a. Two acceptable means currently in use for establishing initial overhaul times and periodic inspection intervals for airframes, propellers, powerplants, and appliances are:

- (1) AC 121-1, Standard Maintenance Specifications.
- (2) Maintenance Review Board Reports.

- b. Maintenance Review Board reports, which are formulated at the time of equipment manufacture, are valid only until such time as the limits are published in AC 121-1. This transfer of limits from the MRB report to AC 121-1 is accomplished only after sufficient satisfactory service experience has been accumulated that warrants an updating or revision of the original MRB limits.

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2. ELIGIBILITY. Standard Maintenance Specifications or Maintenance Review Board time limits may be applied to aircraft being placed on FAR certificates 121 and 127.
3. DEFINITIONS. Terms as used in this document are defined as follows:
 - a. Aircraft. An aircraft is any contrivance now known or hereafter invented, used, or designed for navigation of or flight in the air, including airframes, powerplants, propellers, and appliances.
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 - e. Buyer. A person who acquires an aircraft through purchase or lease for operation in accordance with his operating certificate and who HAS an approved maintenance program for such type aircraft.
 - f. Approved Time Limits. Approved time limits are those which appear on the carrier's approved "Operations Specifications - Aircraft Maintenance," FAA Form 1014.
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- i. Proration. A process by which an operator calculates the time since overhaul on a newly acquired airframe and its installed powerplants and appliances when his approved overhaul time differs from that of the previous operator.
- j. On Condition. Items and appliances listed as "On Condition" must be restricted to components on which a determination of continued airworthiness may be made by visual inspection, measurements, tests, or other means without a teardown inspection or overhaul. These "On Condition" checks are to be performed within the time limitations prescribed for the inspection or check. Performance tolerances and wear or deterioration limits shall be contained in the air carrier's maintenance manual. If an item or appliance cannot be maintained in a condition of continued airworthiness in accordance with the proposed procedures, it must have an overhaul time affixed which is well within its expected airworthy life.

Additional criteria to be used in determining the eligibility of an item or appliance for "On Condition" overhaul or replacement are:

- (1) Perceptibility of wear or other deterioration of moving parts without disassembly; and,
- (2) Adaptability to inspection for detection of corrosion and internal structural integrity without disassembly, when such parts or areas have an appreciable effect on continued airworthiness.

4. GENERAL.

- a. Two acceptable means currently in use for establishing initial overhaul times and periodic inspection intervals for airframes, propellers, powerplants, and appliances are:

- (1) AC 121-1, Standard Maintenance Specifications.
- (2) Maintenance Review Board Reports.

Each of the above provides maximum acceptable initial overhaul times and inspection intervals.

- b. Maintenance Review Board reports, which are formulated at the time of equipment manufacturer, are valid only until such time as the limits are published in AC 121-1. This transfer of limits from the MRB report to AC 121-1 is accomplished only after sufficient satisfactory service experience has been accumulated that warrants an updating or revision of the original MRB limits.

- c. When a non-air carrier aircraft is acquired, (e.g. one operating under FAR Part 91, the military or foreign) the maximum acceptable initial time limits for the new operator will be those set forth in the Standard Maintenance Specifications or the MRB report, whichever is applicable. The time remaining to overhaul for the new operator will be the difference between the actual TSO and the newly approved time limit providing the actual TSO is the lower of the two figures.
- d. When a non-air carrier aircraft is acquired, (e.g. one operating under FAR Part 91, the military or foreign) the maximum acceptable initial overhaul time for the buyer may be established by using either direct inclusion or proration in accordance with the provisions of Chapter 2, paragraph 11. In this type of situation, if proration is to be used, the times shown in the Standard Maintenance Specifications or the MRB report (whichever is applicable to the aircraft in question) are to be used as the seller's approved overhaul time and this figure will serve as the basis for the proration computation.
- e. In the event an air carrier aircraft is acquired by a new operator or buyer, up to 30 hours of time may be accumulated under FAR Part 91 without the provisions of the above paragraph (c) being invoked.
- f. The times listed in AC 121-1 (as in the case of MRB reports) are maximum acceptable initial starting times. They may be reduced if an investigation of the proposed operation indicates that lower time limits are advisable in the interest of safety. In making this determination, consideration should be given to the following:
 - (1) Type of intended operations.
 - (2) The operator's experience in handling aircraft equal in complexity to the new equipment.
 - (3) The scope and depth of training provided for maintenance personnel on the new aircraft.
 - (4) The competency and capability of the carrier's maintenance and quality control organizations.
 - (5) The adequacy of the maintenance and inspection programs.
 - (6) The adequacy of all facilities and equipment required for the maintenance of the equipment involved.
 - (7) Calendar time vs. utilization on the aircraft to be transferred. Long periods of idle storage time or extremely low utilization over a period of time can and often does have an appreciable ill effect on the integrity of an aircraft. Careful consideration must be given to this time element by the assigned inspector

prior to putting the aircraft on a new certificate. Acceptance checks, which are a necessary part of the certification procedure must take into account the effects of calendar time and assure that the product is airworthy.

- g. Appliances of the same make and basic models as those currently in use by an operator and which are installed in a newly acquired aircraft of a different type are eligible for approval at the operator's approved overhaul time providing it can be determined that environmental factors will not have an adverse effect on them.

5.-9. RESERVED.

CHAPTER 3. LEARNING PERIOD

7. BASIC ELEMENTS FOR LEARNING PERIOD. A learning period will be considered for an operator of an aircraft type new to his program. The elements which are essential in determining the learning period necessary for an operator are:
 - a. The operator's operating experience with aircraft of complexity and performance equal to that of the new aircraft.
 - b. The scope and depth of training provided for appropriate maintenance and quality control personnel on the new aircraft.
 - c. The background and experience of personnel of the maintenance and quality control organization charged with supervising and releasing to service aircraft on which maintenance has been performed.
 - d. The competency and capability of the carrier's maintenance and quality control organization and system, and the adequacy of the facilities and equipment for maintaining the new aircraft.
 - e. The number of new aircraft to be operated, the planned frequency of operation and the proposed maintenance and quality control programs.

8. CONTROLLING FACTOR. The learning period shall be established through the medium of the periodic inspection and used to substantiate the initial time of 175 hours. The difference in complexity between the new type aircraft and the aircraft presently operated by the carrier and the operator's experience are governing factors. The learning period will be controlled by assigning a specific number of periodic inspections to be performed at a starting time of 125 hours, progressing to 150 hours and terminating at 175 hours. An example of this procedure is contained in that portion of this document which outlines the inspection periods. (See Appendix 1, Figure 1)

CHAPTER 2. PRORATION

10. PURPOSE. Proration is a mathematical procedure used to determine the per cent of overhaul time expended by one operator and to establish the time remaining to overhaul for the new operator.

As new type equipment becomes available, many air carriers acquire this new equipment and sell or lease their older equipment to other air carriers. Since the older equipment has accumulated a certain amount of time in service, it is desirable to transfer this time as it applies to an airframe and its installed powerplants, propellers, and appliances, to the buyer. This "time in service" may be phased in or prorated to the approved overhaul time of the buyer to permit further utilization of the affected items without the need for immediate overhaul.

11. APPLICATION.

- a. When a buyer's approved overhaul time limits are lower than those of the seller, the buyer has two options:
- (1) He (the buyer) may elect to use the proration process.
 - (2) The buyer may elect to use direct inclusion providing the previous operator's actual time since overhaul is less than the buyer's approved overhaul time limit.

When the direct inclusion option is used, the difference between the buyer's approved overhaul time limit and the previous operator's actual time since overhaul will determine the time remaining to overhaul for the buyer.

- b. When the buyer's approved overhaul time limit is higher than that of the seller, for the program to be acceptable to the Administrator, the proration procedure should be used to adjust the time since overhaul. Direct inclusion in this circumstance will not be found acceptable.

12. SCOPE AND LIMITATIONS.

- a. An operator's responsibility for maintaining his aircraft in an airworthy condition is in no way lessened by proration of the aircraft's time since overhaul.
- b. All times obtained by use of the proration formula may be rounded out to the nearest 10-hour figure.
- c. The percentage of aircraft overhaul time expended is computed on the basis of the previous operator's actual time since overhaul.
- d. When block/pattern overhaul time is to be prorated, each block/pattern shall be treated separately, as though a complete aircraft were being prorated. (See Figures 1 and 2)

- e. The operator will not be permitted to change aircraft records to reflect only the adjusted time since overhaul. The operator will be required to maintain adequate records showing the adjusted time since overhaul and the actual time since overhaul.
- f. No partial proration will be acceptable. If a carrier elects to prorate, then the airframe and all its installed powerplants, propellers, and appliances will also be prorated.
- g. Aircraft components that are time-limited by Airworthiness Directives may not have such times prorated.
- h. Amendments to "Operations Specifications - Aircraft Maintenance," which increase overhaul time limits, are applicable to all aircraft of the same type and model operated by a carrier. Such time increases would apply equally to aircraft operating on a prorated time basis as well as to the others in the fleet. Aircraft operating on prorated times will not have the time increase prorated, but will be credited with the entire increase.
- i. "Operations Specifications - Aircraft Maintenance," and the applicable preface page which established prorated time limits, will be cancelled when the aircraft, powerplants, propellers, and appliances to which they relate are first overhauled. Thereafter, overhaul will be accomplished in accordance with the operator's approved overhaul time.
- j. For proration purposes, aircraft obtained from military or non-air carrier civilian sources will be assigned the Standard Maintenance Specification or Maintenance Review Board Report times as applicable to the particular aircraft.
- k. Any foreign air carrier aircraft listed in the Standard Maintenance Specification or an applicable Maintenance Review Board Report may be phased into a U.S. air carriers program, through the proration formula, provided the U.S. operator presents satisfactory evidence which indicates that the program under which the aircraft was maintained is at least equivalent to a program approved by the FAA for a similar type of aircraft.
- l. Aircraft acquired by either a "new operator" or "buyer" (see definitions Chapter 1, par 3) may enter service via proration or direct inclusion. The reason for the difference in terminology lies in the fact that a new operator will be limited by the maximum times set forth in the Standard Specifications (Appendix 2) or the applicable MRB report. On the other hand a "buyer" will have previously established time limits for the particular aircraft in question. For ease in presenting proration sample exercises shown in Appendix 1, the terms "new operator" and "buyer" are used interchangeably.

13. DATA REQUIRED. The following data will be submitted to the assigned air carrier maintenance inspector by the operator, when he desires to apply for approval of prorated overhaul times.

- a. All "Operations Specifications - Aircraft Maintenance" containing the overhaul time limits utilized for the particular aircraft by the previous operator.

If the Operations Specifications do not show hours, the buyer shall submit such other specifications or documents which will, in fact, establish the overhaul time limits in hours. If a conversion to hours is necessary, the computations used for the conversion will be included. (See Figure 7)

- b. All "Operations Specifications, preface pages" pertinent to the particular aircraft. This is essential because the previous operator may have operated the subject aircraft in accordance with a preface page showing utilization of adjusted time since overhaul calculated in accordance with the proration formula.

- c. A document itemizing (for airframe, powerplants, propellers, and appliances):

- (1) The previous operators:

- (a) Approved overhaul time.
- (b) Time since overhaul.
- (c) Percent of O.H. time used.

- (2) The buyers:

- (a) Approved overhaul time.
- (b) Prorated time since overhaul.
- (c) Prorated time remaining to O.H.

(See Figure 5)

- d. When a block/pattern or similar overhaul system was used by the previous operator, a document will be submitted showing:

- (1) The time since overhaul for each block or pattern together with a list of items which are part of the block or pattern, (see Figure 8) or;

- (2) The time since overhaul for each individual item on the aircraft.

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- * e. "Operations Specifications - Aircraft Maintenance" or a "Proration Document" containing prorated times for each aircraft operating on prorated times.
- (1) In either of the above cases, a pertinent preface page must be prepared and submitted.
 - (a) In the first case where the approved prorated times are listed on "Operations Specifications - Aircraft Maintenance" pages, a preface page such as that shown in Figure 9 will be executed.
 - (b) Where a proration document is used to list prorated times in lieu of showing them on the "Operations Specifications - Aircraft Maintenance" pages, a document shall be prepared for each aircraft operating on prorated times. Each document shall be clearly identified and each shall be made a part of the Operations Specifications by means of a preface page such as the example shown in Figure 11.
 - (c) The information required by item 13c will provide the supporting data for these specification pages or documents.*

NOTE: The aforementioned documents are essential to the application of the formula in establishing the adjusted time since overhaul on each component, area, section, etc., of the aircraft because:

- (1) If the proration formula has been used by the previous operator of the aircraft involved, the time since overhaul figures presented in the document will not be the same as the actual hours of time in service since the last overhaul of the component, area, etc.
- (2) The proration formula for the buyer should be calculated, using the actual time since overhaul figures maintained by the previous operator.

14. PRORATION FORMULA. The simple mathematical procedure explained below will result in a figure that will be the "time remaining to overhaul" for the buyer.

KNOWN

- 8,000 hours --- Previous operator's approved overhaul time limit.
- 2,000 hours --- Previous operator's time since overhaul.
- 12,000 hours --- Buyer's approved overhaul time limit.

STEP I

Divide the previous operator's TSO figure by the previous operator's approved overhaul time limit (carry out to three places). This division will result in a decimal which can be used to represent the percentage of approved overhaul time already used.

$$\frac{\quad\quad\quad .250}{8,000/2,000.000} \text{ --- Percent of O.H. time used by previous operator.}$$

STEP II

Multiply the buyer's approved overhaul time limit figure by the decimal arrived at in STEP I. This multiplication will result in the prorated TSO to be used by the buyer.

$$\begin{array}{r} 12,000 \text{ --- Buyer's approved O.H. time limit.} \\ \times .250 \\ \hline 600.000 \\ \underline{2400.0} \\ 3000.000 \text{ --- Buyer's prorated TSO.} \end{array}$$

STEP III

Subtract the prorated TSO arrived at in STEP II from the buyer's approved overhaul time limit. The resultant figure will be number of hours remaining to overhaul for the buyer.

$$\begin{array}{r} 12,000 \text{ --- Buyer's approved O.H. time limit.} \\ \underline{-3,000} \\ 9,000 \text{ --- Buyer's prorated time remaining to overhaul.} \end{array}$$

15.-19. RESERVED.

FIGURE 1. TRANSFER OF AIRCRAFT FROM A BLOCK/PATTERN SYSTEM
TO A ONE-TIME OVERHAUL

In this type of situation, each block/pattern is prorated as though it was the overhaul time for the entire aircraft.

KNOWN

- 16,000 hours --- Previous operator's approved overhaul time limit which is divided into four blocks/patterns of 4,000 hours each.
- 3,000 hours --- Previous operator's TSO for block/pattern A.
- 7,000 hours --- Previous operator's TSO for block/pattern D.
- 11,000 hours --- Previous operator's TSO for block/pattern C.
- 15,000 hours --- Previous operator's TSO for block/pattern B.
- 12,000 hours --- Buyer's approved overhaul time limit.

COMPUTATION BLOCK/PATTERN A

STEP I

$\frac{16,000}{3,000} \times .187$ --- Percent of O.H. time used by previous operator.

STEP II

12,000 --- Buyer's approved O.H. time limit.
 $\times .187$
84,000
960.00
1200.0
2244.000 --- Prorated TSO for buyer's block/pattern A.

STEP III

12,000 --- Buyer's approved O.H. time limit.
-2,244
9,756 --- Prorated time remaining to overhaul for buyer's block/pattern A.

COMPUTATION BLOCK/PATTERN B

STEP I

$\frac{.937}{16,000/15,000.000}$ --- Percent of O.H. time used by previous operator.

STEP II

12,000 --- Buyer's approved O.H. time limit.
 $\times .937$
84,000
360.00
10,800.0
11,244.000 --- Prorated TSO for buyer's block/pattern B.

STEP III

12,000 --- Buyer's approved O.H. time limit.
- 11,244
756 --- Prorated time remaining to overhaul for buyer's block/pattern B.

COMPUTATION BLOCK/PATTERN C

STEP I

$\frac{.687}{16,000/11,000.000}$ --- Percent of O.H. time used by previous operator.

STEP II

12,000 --- Buyer's approved overhaul time limit.
 $\times .687$
84,000
960.00
7200.0
8244.000 --- Prorated TSO for buyer's block/pattern C.

STEP III

12,000 --- Buyer's approved O.H. time limit.
- 8,244
3,756 --- Prorated time remaining to overhaul for buyer's block/pattern C.

COMPUTATION BLOCK/PATTERN D

STEP I

$\frac{16,000 \times .437}{7,000.000}$ --- Percent of O.H. time used by previous operator.

STEP II

12,000 --- Buyer's approved O.H. time limit.
x .437
84,000
360.00
4800.0
5244.000 --- Prorated TSO for buyer's block/pattern D

STEP III

12,000 --- Buyer's approved O.H. time limit.
- 5,244
6,756 --- Prorated time remaining to overhaul for buyer's block/pattern D.

It should be recognized that when an operator elects to transfer an aircraft from a block/pattern system to a one-time overhaul, a substantial amount of "time remaining to overhaul" must be sacrificed.

In the example given here, the buyer's "time remaining to overhaul" for each block/pattern is as follows:

A - 9756 C - 3756
B - 756 D - 6756

Since the buyer's approved overhaul time is 12,000 hours, it follows that all the items in block/pattern "B" will be due for overhaul within 756 hours. To phase the aircraft into a one-time overhaul, all blocks would have to be overhauled at this time.

FIGURE 2. TRANSFER OF AIRCRAFT FROM A BLOCK/PATTERN SYSTEM TO A
BLOCK/PATTERN SYSTEM

In this type of situation, each block/pattern is prorated as though it
was the overhaul time for the entire aircraft.

KNOWN

(Based on the figures established in Figure 1.)

- 16,000 hours --- Previous operator's approved time limit which is
divided into four blocks/patterns of 4,000 hours each.
- .187 --- Percent of block/pattern A overhaul time used by
previous operator.
- .937 --- Percent of block/pattern B overhaul time used by
previous operator.
- .687 --- Percent of block/pattern C overhaul time used by
previous operator.
- .437 --- Percent of block/pattern D overhaul time used by
previous operator.
- 12,000 hours --- Buyer's approved overhaul time limit which is to be
divided into four blocks/patterns of 3,000 hours each.
(Blocks/patterns I, II, III, and IV)

COMPUTATION BLOCK/PATTERN NO. I

STEP I

12,000 --- Buyer's approved overhaul time limit.
x .187 --- Percent of overhaul time used by previous operator.
84.000
960.00
1200.0
2244.000 --- Prorated TSO for buyer's block/pattern No. I.

STEP II

12,000 --- Buyer's approved overhaul time limit.
-2,244
9,756 --- Prorated time remaining to overhaul for buyer's
block/pattern No. I.

COMPUTATION BLOCK/PATTERN NO. II

STEP I

12,000
x .937
84,000
360.00
10,800.0
11,244.000 --- Prorated TSO for buyer's block/pattern No. II.

STEP II

12,000
-11,244
756 --- Prorated time remaining to overhaul for
buyer's block/pattern No. II.

COMPUTATION BLOCK/PATTERN NO. III

STEP I

12,000
x .687
84,000
960.00
7,200.0
8,244.000 --- Prorated TSO for buyer's block/pattern No. III.

STEP II

12,000
-8,244
3,756 --- Prorated time remaining to overhaul for
buyer's block/pattern No. III.

COMPUTATION BLOCK/PATTERN NO. IV

STEP I

12,000
x .437
84,000
360.00
4,800.0
5,244.000 --- Prorated TSO for buyer's block/pattern No. IV.

STEP II

12,000

-5,244

6,756 --- Prorated time remaining to overhaul for
buyer's block/pattern No. IV.

FIGURE 3. TRANSFER OF AIRCRAFT FROM A ONE-TIME OVERHAUL TO A BLOCK/
PATTERN SYSTEM (BUYER'S APPROVED OVERHAUL TIME LIMIT IS
HIGHER THAN THAT OF THE PREVIOUS OPERATOR)

In this process it is first necessary to find the buyer's "prorated time since overhaul" and his prorated "time remaining to overhaul" for the entire aircraft. This is accomplished by first applying the routine proration formula as shown below.

KNOWN

- 12,000 hours --- Previous operator's approved overhaul time limit.
- 3,000 hours --- Previous operator's time since overhaul.
- 16,000 hours --- Buyer's approved overhaul time limit which is to be divided into four blocks/patterns of 4,000 hours each. (Blocks/patterns A, B, C, and D)

STEP I

$$\frac{.250}{12,000/3,000.000} \text{ --- Percent of overhaul time used by previous operator.}$$

STEP II

$$\begin{array}{r} 16,000 \text{ --- Buyer's approved overhaul time limit.} \\ \times .250 \\ \hline 800.000 \\ \underline{3,200.0} \\ 4,000.000 \text{ --- Buyer's prorated TSO.} \end{array}$$

STEP III

$$\begin{array}{r} 16,000 \text{ --- Buyer's approved overhaul time limit.} \\ \underline{-4,000} \text{ --- Buyer's prorated TSO.} \\ \hline 12,000 \text{ --- Buyer's prorated time remaining to overhaul.} \end{array}$$

In this particular example, since the buyer has elected to transfer an aircraft from a one-time overhaul to a four block/pattern system, he should recognize that a substantial amount of his time remaining to overhaul will have to be sacrificed. This is brought about by the need to overhaul the entire aircraft prior to 12,000 hours and at the same time, phase selected portions of it into various blocks/patterns.

EXAMPLE

The buyer, desiring to establish a four block/pattern system, separates his maintenance program into four equal parts and places the items so separated into either block/pattern A, B, C, or D. Assuming the selection has been made, the blocks/patterns would look like this:

Block/pattern A = 4,000 hours (cumulative time = 4,000 hours)

Block/pattern B = 4,000 hours (cumulative time = 8,000 hours)

Block/pattern C = 4,000 hours (cumulative time = 12,000 hours)

Block/pattern D = 4,000 hours (cumulative time = 16,000 hours)

The effect on items in each block/pattern as the result of phasing them into a four block/pattern system would be as follows:

BLOCK/PATTERN A

These items would have to be overhauled at 4,000 hours TSO for the buyer. This would result in a loss of 8,000 hours "time remaining to overhaul."

BLOCK/PATTERN B

These items would have to be overhauled at 8,000 hours TSO for the buyer. This would result in a loss of 4,000 hours "time remaining to overhaul."

BLOCK/PATTERN C

These items will be overhauled at 12,000 hours TSO for the buyer. Since it was previously established through proration that this was the buyer's "time remaining to overhaul," no time will be sacrificed on the items scheduled in this block/pattern.

BLOCK/PATTERN D

The items in this block/pattern will have to be overhauled at a point at, or prior to 12,000 hours and again at 16,000 hours in order to properly phase them into the system. The initial time of overhaul of these particular items should be at the option of the buyer, providing they do not exceed 12,000 hours. There are several methods he may choose from to accomplish this initial overhaul. Among these are:

- | | |
|---|-------------|
| 1. Initially O.H. all block/pattern D items in block/pattern | A |
| 2. Initially O.H. all block/pattern D items in block/pattern | B |
| 3. Initially O.H. all block/pattern D items in block/pattern | C |
| 4. Initially O.H. 1/2 of all block/pattern D items in block/pattern
and O.H. 1/2 of all block/pattern D items in block/pattern | A
B |
| 5. Initially O.H. 1/2 of all block/pattern D items in block/pattern
and O.H. 1/2 of all block/pattern D items in block/pattern | B
C |
| 6. Initially O.H. 1/2 of all block/pattern D items in block/pattern
and O.H. 1/2 of all block/pattern D items in block/pattern | A
C |
| 7. Initially O.H. 1/3 of all block/pattern D items in block/pattern
and O.H. 1/3 of all block/pattern D items in block/pattern
and O.H. 1/3 of all block/pattern D items in block/pattern | A
B
C |

Because of the previously established prorated figure of 12,000 hours remaining to overhaul, the buyer stands to lose the same total amount of time regardless of which method he chooses. Method #7 appears to be the most practical approach, since it would tend to spread the workload over a 12,000 hour period. The entire block/pattern D would, of necessity, have to be overhauled again at 16,000 hours at which time all items would be correctly phased into their proper block/pattern. Consideration should be given by the assigned inspectors to the extent of inspection (overhaul) required in the case of initial overhauls that are accomplished early solely for the purpose of phasing an aircraft into a block/pattern system.

In the foregoing example, it can readily be seen that block A items at the time of initial overhaul by the buyer will actually have accumulated only 7,000 hours since previously overhauled while block/pattern C items will have accumulated 15,000 hours. In either case, it must be remembered that another 16,000 hours will pass before they are overhauled again.

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FIGURE 4. TRANSFER OF AIRCRAFT FROM A ONE-TIME OVERHAUL TO A BLOCK/PATTERN SYSTEM (BUYER'S APPROVED OVERHAUL TIME LIMIT IS LOWER THAN THAT OF THE PREVIOUS OPERATOR.)

In this process it is first necessary to find the buyer's prorated "time since overhaul" and prorated "time remaining to overhaul" for the entire aircraft. This is accomplished by first applying the routine proration formula as shown below:

KNOWN

- 12,000 hours --- Previous operator's approved overhaul time limit.
- 3,000 hours --- Previous operator's time since overhaul.
- 8,000 hours --- Buyer's approved overhaul time limit which is to be divided into four blocks/patterns of 2,000 hours each (A, B, C, and D).

STEP I

$$\frac{12,000 \times .250}{3,000.000} \text{ --- Percent overhaul time used by previous operator.}$$

STEP II

$$\begin{array}{r} 8,000 \text{ --- Buyer's approved overhaul time limit.} \\ \times .250 \\ \hline 400.000 \\ \hline 1,600.0 \end{array}$$

2,000.000 --- Buyer's prorated TSO.

STEP III

$$\begin{array}{r} 8,000 \text{ --- Buyer's approved overhaul time limit.} \\ - 2,000 \text{ --- Buyer's prorated TSO.} \\ \hline 6,000 \text{ --- Buyer's prorated time remaining to overhaul.} \end{array}$$

In this particular example, since the buyer has elected to transfer an aircraft from a one-time overhaul to a four block/pattern system, he should recognize that a substantial amount of his time remaining to overhaul will have to be sacrificed. This is brought about by the need to overhaul the entire aircraft prior to the accumulation of 6,000 additional hours and at the same time, phase selected portions of it into various blocks/patterns.

EXAMPLE

The buyer, desiring to establish a four block/pattern system, separates his maintenance program into four equal parts and places the item so separated into either block/pattern A, B, C, or D. Assuming the selection has been made, the block/pattern would look like this:

Block/pattern A = 2,000 hours (cumulative time = 2,000 hours)

Block/pattern B = 2,000 hours (cumulative time = 4,000 hours)

Block/pattern C = 2,000 hours (cumulative time = 6,000 hours)

Block/pattern D = 2,000 hours (cumulative time = 8,000 hours)

The effect on items in each block/pattern as the result of phasing them into a four block/pattern system would be as follows:

BLOCK/PATTERN A

These items would have to be overhauled at 2,000 hours TSO for the buyer. This would result in a loss of 4,000 hours "time remaining to overhaul."

BLOCK/PATTERN B

These items would have to be overhauled at 4,000 hours TSO for the buyer. This would result in a loss of 2,000 hours "time remaining to overhaul."

BLOCK/PATTERN C

These items will be overhauled at 6,000 hours TSO for the buyer. Since it was previously established through proration that this was the buyer's "time remaining to overhaul," no time will be sacrificed on the items scheduled in this block/pattern.

BLOCK/PATTERN D

The items in this block/pattern will have to be overhauled at a point at, or prior to 6,000 hours and again at 8,000 hours in order to properly phase them into the system. The initial time of overhaul of these particular items should be at the option of the buyer, providing they do not exceed 6,000 hours. There are several methods he may choose from to accomplish this initial overhaul. Among these are:

1. Initially O.H. all block/pattern D items in block/pattern A
2. Initially O.H. all block/pattern D items in block/pattern B
3. Initially O.H. all block/pattern D items in block/pattern C
4. Initially O.H. 1/2 of all block/pattern D items in block/pattern A
and O.H. 1/2 of all block/pattern D items in block/pattern B
5. Initially O.H. 1/2 of all block/pattern D items in block/pattern B
and O.H. 1/2 of all block/pattern D items in block/pattern C
6. Initially O.H. 1/2 of all block/pattern D items in block/pattern A
and O.H. 1/2 of all block/pattern D items in block/pattern C
7. Initially O.H. 1/3 of all block/pattern D items in block/pattern A
and O.H. 1/3 of all block/pattern D items in block/pattern B
and O.H. 1/3 of all block/pattern D items in block/pattern C

Because of the previously established prorated figure of 6,000 hours remaining to overhaul, the buyer stands to lose the same total amount of time regardless of which method he chooses. Method #7 appears to be the most practical approach, since it would tend to spread the workload over a 6,000 hour period. The entire block/pattern D would, of necessity, have to be overhauled again at 8,000 hours at which time all items would be correctly phased into their proper block/pattern. Consideration should be given by the assigned inspectors to the extent of inspection (overhaul) required in the case of initial overhauls that are accomplished early solely for the purpose of phasing an aircraft into a block/pattern system.

In the foregoing example, it can readily be seen that block A items at the time of initial overhaul by the buyer will actually have accumulated only 5,000 hours since previously overhauled while block/pattern C items will have accumulated 9,000 hours. In either case it must be remembered that another 8,000 hours will pass before they are overhauled again.

FIGURE 5. FORMAT FOR PRESENTATION OF PRORATION
DATA ON AIRCRAFT BEING TRANSFERRED

Block/Pattern or Component & Serial No.	Previous Operator (_____) Identify			Buyer (_____) Identify		
	Approved Overhaul Time	Time Since Over- haul	Percent of Overhaul Time Used	Approved Overhaul Time	Pro- rated T.S.O.	Pro- rated Time To Over- haul
	(16000)	Re- spec- tive Block/ Pattern		(12000)	Re- spec- tive Block/ Pattern	
Block/Pattern A	4000	3000	.187	12000	2244	9756
Block/Pattern B	4000	15000	.937	12000	11244	756
Block/Pattern C	4000	11000	.687	12000	8244	3756
Block/Pattern D	4000	7000	.437	12000	5244	6756

FIGURE 6. TRANSFER OF PREVIOUSLY PRORATED AIRCRAFT

An aircraft was acquired by operator "X" and placed on his maintenance program through the proration process. After acquisition, "X" operated the aircraft for an additional 1,000 hours.

1. 12,000 hours = approved overhaul time for "X".
2. 3,000 hours = prorated TSO for "X" at time of acquisition.
3. 2,000 hours = actual TSO at time of acquisition by "X".
4. 1,000 hours = additional flight time added to aircraft by "X".
5. $3,000 + 1,000 = 4,000$ hours - "X's" prorated TSO.
6. $2,000 + 1,000 = 3,000$ hours - actual TSO on aircraft.

Operator "X" now desires to transfer the aircraft to operator "Y". The overhaul time is to be prorated for operator "Y" and his approved overhaul time is 14,000 hours.

7. $3,000 \div 12,000 = .250$ of overhaul time used by "X".
8. 14,000 hours = approved O.H. time for "Y".
9. $14,000 \times .250 = 3,500$ hours prorated TSO for "Y".
10. $14,000 - 3,500 = 10,500$ hours remaining to overhaul for operator "Y" at time of transfer.

NOTE: Actual TSO (Step 7) was used for purpose of proration to operator "Y", not the prorated TSO.

FIGURE 7. PROCEDURES FOR CONVERTING CALENDAR OVERHAUL (MONTHS)
TO HOURS SINCE OVERHAUL FOR PRORATION PURPOSES

METHOD A

Previous operator's overhaul time limit is 18 months: $(360 + 180) = 540$.
Previous operator's time since overhaul is 180 days.
Buyer's approved overhaul time limit is 2,000 hours.

COMPUTATIONS

$\frac{180}{540} = .333$ time since overhaul.

.33 of 2,000 hours = 666 hours prorated time since overhaul for buyer.

2,000 hours - 666 = 1,334 hours. Buyer's prorated time remaining to overhaul.

METHOD B

Previous operator's overhaul time limit: 18 months or 540 days.

Previous operator's utilization time: 8 hours per day.

Previous operator's overhaul time limit in hours: $(540 \text{ days} \times 8 \text{ hrs.}) = 4,320$.

Previous operator's time since overhaul $(180 \times 8 \text{ hours}) = 1,440$ hours.

Buyer's overhaul time limit is 2,000 hours.

COMPUTATIONS

Time since overhaul in percent: $\frac{1400}{4320} = .333$

.333 of 2,000 hours = 666 hours prorated time since overhaul.

2,000 hours - 666 = 1,334 hours. Buyer's prorated time remaining to overhaul.

FIGURE 8. METHOD OF DEPICTING AREAS, SECTIONS, COMPONENTS, ETC., THAT ARE TIED TO A SPECIFIC BLOCK

The following presentation is an example of how items such as areas, sections, and appliances are included in a block. An operator should submit such items and relate the items to the block, or submit actual time for each item.

Block/Pattern A	Block/Pattern B	Block/Pattern C	Block/Pattern D
Nose gear assembly & components	Center Section	Right wing fuel cells	Empennage
Steering mechanism & controls	Left wing fuel cells	Lights	Rudder-vertical fin
Accumulators	Pylons, Nos. 1 & 2	Electrical units, components, connections, etc.	Stabilizer
Nose gear doors	Lines	Hydraulics	Tail Compartment
Brackets, hinges, etc.	Electrical connections		Lights
Lights, wires, etc.	Flaps		Booster control
Air inlets & anti-icing	Spoilers		
	Hydraulic fittings		
	Main landing gear assembly		

FIGURE 9. OPERATIONS SPECIFICATIONS - PREFACE PAGE
FOR AIRCRAFT ON PRORATED TIME

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 04 R075
		Page of Page
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE - GENERAL		
<u>PREFACE PAGE FOR AIRCRAFT ON PRORATED TIME</u>		
<p>The aircraft listed herein, including powerplants, propellers, and appliances which have prorated times, shall be overhauled in accordance with their respective limitations as set forth in:</p>		
Operations Specifications		
Aircraft Maintenance		
Amendment No. _____, Dated _____		
<p>These specifications are applicable to: Aircraft N _____ - Serial No. _____, its powerplants, propellers, and appliances until they are first overhauled. Thereafter, these specifications are cancelled and the aircraft will be inspected and overhauled in accordance with the _____ airlines maintenance program and the approved time limits.</p>		
<p>Records maintained on the above aircraft shall show the actual and adjusted time since overhaul and, thereafter, such time in service shall be added thereto.</p>		
Effective date _____		

FIGURE 10. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - GENERAL

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON	Form Approved Budget Bureau No. 01 R053
Page of Page	
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE - GENERAL (Part 121)	
<p>Irrespective of the type of operation to be conducted by (name of operator), the continuous airworthiness and inspection program limitations which are described and specified in these Operations Specifications shall be applicable to all (name of operator) aircraft listed and authorized for use under Federal Aviation Regulations 121.</p> <p>The operator shall provide in its currently effective Maintenance Manual a comprehensive maintenance program necessary 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.</p> <p>The aircraft and its component parts, accessories, and appliances shall be maintained in an airworthy condition in accordance with the maximum time limits hereinafter set forth for the accomplishment of the overhaul, periodic inspections, and routine checks of the aircraft and its component parts, accessories, and appliances.</p> <p>"On Condition" items will be maintained in a continuous airworthy condition by periodic and progressive inspections, checks, services, repair, and/or preventive maintenance and shall be appropriately described in the operator's Maintenance Manual.</p>	
Effective date _____	

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
Washington, D.C. 20590

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FIGURE 11. OPERATIONS SPECIFICATIONS - PREFACE PAGE
FOR AIRCRAFT ON PRORATED TIME

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON	Form Approved Budget Bureau No. 04-R078
Page of Page	
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE - GENERAL	
<u>PREFACE PAGE FOR AIRCRAFT ON PRORATED TIME</u>	
<p>The aircraft listed hereon, including powerplants, propellers, and appliances which have prorated times, shall be overhauled in accordance with the respective limits as set forth in:</p>	
Proration Document	
No. _____	
Dated _____	
<p>This document is applicable to: Aircraft N _____ - Serial No. _____, its powerplants, propellers, and appliances until they are first overhauled. Thereafter, this document is cancelled and the aircraft will be inspected and overhauled in accordance with the _____ airlines maintenance program and the approved time limits.</p>	
<p>Records maintained on the above aircraft shall show the actual and adjusted time since overhaul and, thereafter, such time in service shall be added thereto.</p>	
Effective date _____	

AC No: 121-1 CHG 19
12/19/69

* FIGURE 1. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
AVIONICS

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 04-1075.
PART D	PAGE 1 of 2 PAGES	
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE AVIONICS		
	<u>Overhaul Period</u> **	<u>Inspection & Check Period</u> **
<u>Communications*, Chapter 23</u>		
Fixed Equipment - Wiring, plugs, filters, junction boxes, relays, resistors, capacitors, fuses, circuit breakers, transformers, antennas, transmission lines, switches, controls, mounts, etc.		
H. F. Communication System		
V. H. F. Communication System		
Sel-Cal Decoder		
P. A. System		
Amplifier		
Interphone System		
Amplifier		
<u>May be determined by assigned inspector **</u>		
<u>Navigation*, Chapter 34 (Radio-Radar)</u>		
Fixed Equipment - Wiring, plugs, filters, junction boxes, relays, resistors, capacitors, fuses, circuit breakers, transformers, antennas, transmission lines, switches, controls, mounts, etc.		
L. F. Navigation System		
Receiver		
Loop Antenna		
V. H. F. Navigation System		
Receiver (VOR/LOC)		
Instrumentation Unit		
I. L. S. System		
G. S. Receiver		
Localizer Receiver		
Marker Receiver		
Loran System		
Weather Radar System		
Radar Altimeter System		
ATC Transponder		
Flight Director		
Computer/Amplifier		
Gyro		
<u>May be determined by assigned inspector **</u>		
Effective date _____		

*

FIGURE 1. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
AVIONICS

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 01-1073.
PART D	PAGE 2 of 2 PAGES	
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE AVIONICS		
<p>NOTE* The term "System" means all those interdependent subassemblies, components, parts, etc., necessary for the proper functioning of the system as a whole. All the individual components of the system should be listed.</p>		
Effective date _____		

FIGURE 2. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DART 510

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 01-1075
PART D		
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE		
ENGINE MAKE - ROLLS ROYCE	PROPELLER MAKE - DOWTY ROTOL	
ENGINE MODEL - DART 510	PROPELLER MODEL - R179/4-20-4/33	
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Propellers, Chapter 61</u>		
Alternator - Sync. Propeller	2000	
Controller Propeller	3500	
Motor - Propeller Feathering	3500	
Propeller Assembly	3500	
Pump - Propeller Feathering	3500	
<u>Powerplant General, Chapter 71</u>		
Cowling	OC	
Mount - Engine	EO	
Magnaflix	EO	
<u>Engine, Chapter 72</u>		
Accessory Gearbox	3400	
Acc. Gearbox drive	1400	
Engine - Basic	3000*	
<u>Engine Fuel & Control, Chapter 73</u>		
Control Unit, Fuel Flow	4200	
Indicator - Fuel Flow	7000	
Pump - Engine Drive	3000	
Transmitter - Fuel Flow	2800	
<u>Ignition System - Chapter 74</u>		
Box, Ignition	EO	
<u>Engine Indicating, Chapter 77</u>		
Generator DC	1400	
Indicator - Tachometer	2400	
Indicator - Torque Pressure	6000	
Transmitter - Torque Pressure	EO	
<u>Exhaust System - Chapter 78</u>		
Exhaust Unit	EO	
<u>Oil System, Chapter 79</u>		
Transmitter - Oil Pressure	4000	
Indicator - Oil Pressure	4000	
<u>Starting, Chapter 80</u>		
Starter	EO	
* Sample one hot section inspection at 2000 hours, one engine overhaul at 2400 hours, and one engine overhaul at 2700 hours.		
Effective date _____		

3/31/66

FIGURE 2. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE - DART 510

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 64-R075
PART D		
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE		
ENGINE MAKE - ROLLS ROYCE	PROPELLER MAKE - DOWTY ROTOL	
ENGINE MODEL - DART 510	PROPELLER MODEL - R179/4-20-4/33	
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Water Injection - Chapter 82</u>		
Actuator ADI	2500	
Pump ADI	1400	
Switch, Pressure Warning	EO	
Valve, Pressure Relief	3000	
Effective date _____		

FIGURE 3. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DART 525

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 04-8073
OPERATIONS SPECIFICATIONS		
AIRCRAFT MAINTENANCE		
ENGINE MAKE - ROLLS ROYCE		PROPELLER MAKE - DOWTY ROTOL
ENGINE MODEL - DART 525		PROPELLER MODEL - R130/4-20-4/12E
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Propellers, Chapter 61</u>		
Alternator - Sync. Propeller	2000	
Controller Propeller	3500	
Motor, Propeller Feathering	3500	
Propeller Assembly	3500	
Pump - Propeller Feathering	3500	
<u>Power Plant General, Chapter 71</u>		
Cowling	OC	
Mount, Engine	EO	
<u>Engine, Chapter 72</u>		
Engine, Basic	3000*	
<u>Engine Fuel & Control, Chapter 73</u>		
Control Unit, Fuel Flow	4200	
Indicator, Fuel Flow	7000	
Pump, Engine Driven	3000	
Transmitter, Fuel Flow	2800	
<u>Ignition System, Chapter 74</u>		
Box, Ignition	EO	
<u>Engine Indicating, Chapter 77</u>		
Generator DC	1400	
Indicator, Tachometer	2400	
Indicator, Torque Pressure	6000	
Transmitter, Torque Pressure	EO	
<u>Exhaust System, Chapter 78</u>		
Exhaust Unit	EO	
<u>Oil System, Chapter 79</u>		
Transmitter, Oil Pressure	4000	
Indicator, Oil Pressure	4000	
<u>Starting, Chapter 80</u>		
arter	EO	
<u>Injection, Chapter 82</u>		
or ADI	2500	
	1400	
Pressure Relief	EO	
one hot section inspection at 2000 hours, one engine overhaul at 2400		
and one engine overhaul at 2700 hours.		
ate _____		

FIGURE 4. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
PRATT & WHITNEY - R2000 SERIES

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Master Manual No. 61-1103
PART D	PAGE 1 of 2 PAGES	
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE R2000 SERIES		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Propellers, Chapter 61</u>		
Motor, Propeller Feathering	2600	
Propeller Assembly	2500	
Propeller Governors	1300	
Pump, Propeller Feathering	2600	
<u>Power Plant - General, Chapter 71</u>		
Actuator, Cowl Flap	2600	
Cowling	1300	
Mount, Engine	1300	
<u>Engine, Chapter 72</u>		
Engine, Basic	1300	
<u>Engine Fuel & Control, Chapter 73</u>		
Carburetor Assembly	2600	
Indicator, Fuel Flow	3900	
Indicator, Fuel Pressure	3900	
Pump, Engine Driven	1300	
Transmitter, Fuel Flow	3900	
Transmitter, Fuel Pressure	3900	
Warning Unit, Fuel Pressure	3900	
<u>Ignition, Chapter 74</u>		
Ignition Harness	1300	
Spark Plugs	330	
<u>Engine Indicating, Chapter 77</u>		
Indicator, BMEP	3900	
Indicator, Carburetor Air Temperature	3900	
Indicator, Cylinder Head Temperature	3900	
Indication, Manifold Pressure	3900	
Indicator, Tachometer	3900	
Tachometer, Generator	2600	
<u>Exhaust, Chapter 78</u>		
Exhaust Manifold Assembly	1300	

Effective date December 15, 1962

FIGURE 4. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
PRATT & WHITNEY - R2000 SERIES

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Item No. 04-1075
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE R2000 SERIES		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Oil, Chapter 79</u>		
Indicator, Oil Pressure	3900	
Indicator, Oil Quantity	3900	
Indicator, Oil Temperature	3900	
Oil Tank	(3 E/C)	
Regulator, Oil Cooler	1300	
Transmitter, Oil Pressure	3900	
Transmitter, Oil Quantity	3900	
Transmitter, Torque Pressure	3900	
Valve, Emergency Shutoff	3900	
Warning Unit, Oil Pressure	3900	
<u>Starters, Chapter 80</u>		
Relay, Starter	3900	
Starter	2600	
<p>NOTE: Components or subcomponents of power plants that have overhaul time limitations in multiples of the basic engine overhaul time limitation shall receive an appropriate inspection, check or test at the basic engine overhaul period.</p>		
Effective date - December 15, 1962		

FIGURE 5. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
PRATT & WHITNEY - R2800 SERIES

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 01-1075
PART D	PAGE 1 of 2 PAGES	
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE R2800 SERIES		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Propellers, Chapter 61</u>		
Motor, Propeller Feathering	3000	
Propeller Assembly	2500	
Propeller Governors	1500	
Pump, Propeller Feathering	3000	
<u>Power Plant - General, Chapter 71</u>		
Actuator, Cowl Flap	3000	
Cowling	1500	
Mount, Engine	1500	
<u>Engine, Chapter 72</u>		
Engine, Basic	1500	
<u>Engine Fuel & Control, Chapter 73</u>		
Carburetor Assembly	3000	
Indicator, Fuel Pressure	4500	
Pump, Engine Driven	1500	
Transmitter, Fuel Pressure	4500	
Warning Unit, Fuel Pressure	4500	
<u>Ignition, Chapter 74</u>		
Ignition Harness	1500	
Spark Plugs	330	
<u>Engine Indicating, Chapter 77</u>		
Indicators, BMEP	4500	
Indicators, Carburetor Air Temperature	4500	
Indicators, Cylinder Head Temperature	4500	
Indicators, Manifold Pressure	4500	
Tachometer, Generator	3000	
<u>Exhaust, Chapter 78</u>		
Exhaust Manifold Assembly	1500	

Effective date December 15, 1962

FIGURE 5. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
PRATT & WHITNEY - R2800 SERIES

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 01-1021
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE R2800 SERIES		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Oil, Chapter 79</u>		
Indicator, Oil Pressure	4500	
Indicator, Oil Quantity	4500	
Indicator, Oil Temperature	4500	
Oil Tank	(3 E/C)	
Regulator, Oil Cooler	1500	
Transmitter, Oil Pressure	4500	
Transmitter, Oil Quantity	4500	
Transmitter, Torque Pressure	4500	
Valve, Emergency Shutoff	4500	
Warning Unit, Oil Pressure	4500	
<u>Starters, Chapter 80</u>		
Relay, Starter	4500	
Starter	1500	
<u>Water Injection, Chapter 82</u>		
Indicator, Water Pressure	4200	
Indicator, Water Quantity	4200	
Pump, Water Injection	(ADI) 4200	
Solenoid	(4 E/C)	
Transmitter, Water Quantity	4200	
Valve, Oil Pressure	4200	
<p>NOTE: Components or subcomponents of power plants that have overhaul time limitations in multiples of the basic engine overhaul time limitation shall receive an appropriate inspection, check or test at the basic engine overhaul period.</p>		
<p>Effective date <u>December 15, 1962</u></p>		

FIGURE 6. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
PRATT & WHITNEY - R2800 C/CA/CB SERIES

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved, Digest Bureau No. 64-10773.
PART D	PAGE 1 of 2 PAGES	
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE R2800 C-CA-CB SERIES		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Propellers, Chapter 61</u>		
Motor, Propeller Feathering	3000	
Propeller Assembly	2500	
Propeller Governors	1500	
Pump, Propeller Feathering	3000	
<u>Power Plant - General, Chapter 71</u>		
Actuator, Cowl Flap	3000	
Cowling	1500	
Mount, Engine	1500	
<u>Engine, Chapter 72</u>		
Engine, Basic	1500	
<u>Engine Fuel & Control, Chapter 73</u>		
Carburetor Assembly	3000	
Indicator, Fuel Pressure	4500	
Pump, Engine Driven	1500	
Transmitter, Fuel Flow	4500	
Transmitter, Fuel Pressure	4500	
Warning Unit, Fuel Pressure	4500	
<u>Ignition, Chapter 74</u>		
Ignition Harness	1500	
Spark Plugs	330	
<u>Engine Indicating, Chapter 77</u>		
Indicators, SMEP	4500	
Indicators, Carburetor Air Temperature	4500	
Indicators, Cylinder Head Temperature	4500	
Indicators, Manifold Pressure	4500	
Tachometer, Generator	3000	
<u>Exhaust, Chapter 78</u>		
Exhaust Manifold Assembly	1500	
Effective date <u>December 15, 1962</u>		

FIGURE 6. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
PRATT & WHITNEY - R2800 C/CA/CB SERIES

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 01-107A
PART D	PAGE 2 of 2 PAGES	
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE R2800 C-CA-CB Series		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Oil, Chapter 79</u>		
Indicator, Oil Pressure	4500	
Indicator, Oil Quantity	4500	
Indicator, Oil Temperature	4500	
Oil Tank	(3 E/C)	
Regulator, Oil Cooler	1500	
Transmitter, Oil Pressure	4500	
Transmitter, Oil Quantity	4500	
Transmitter, Torque Pressure	4500	
Valve, Emergency Shutoff	4500	
Warning Unit, Oil Pressure	4500	
<u>Starters, Chapter 80</u>		
Relay, Starter	4500	
Starter	1500	
<u>Water Injection, Chapter 82</u>		
Indicator, Water Pressure	4200	
Indicator, Water Quantity	4200	
Pump, Water Injection	(ADI) 4200	
Solenoid	(4 E/C)	
Transmitter, Water Quantity	4200	
Valve, Oil Pressure	4200	
NOTE: Components or subcomponents of power plants that have overhaul time limitations in multiples of the basic engine overhaul time limitation shall receive an appropriate inspection, check or test at the basic engine overhaul period.		
Effective date <u>December 15, 1962</u>		

FIGURE 7. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
PRATT & WHITNEY - R1830 SERIES

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 01-1078
PART D	PAGE 1 of 2 PAGES	
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE R1830 SERIES		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Propellers, Chapter 61</u>		
Motor, Propeller Feathering	2400	
Propeller Assembly	2500	
Propeller Governors	1200	
Pump, Propeller Feathering	2400	
<u>Power Plant - General, Chapter 71</u>		
Actuator, Cowl Flap	2400	
Cowling	1200	
Mount, Engine	1200	
<u>Engine, Chapter 72</u>		
Engine, Basic	1200	
<u>Engine Fuel & Control, Chapter 73</u>		
Carburetor Assembly	2400	
Indicators, Fuel Pressure	3500	
Pump, Engine Driven	1200	
Transmitter, Fuel Pressure	3500	
Warning Unit, Fuel Pressure	3600	
<u>Ignition, Chapter 74</u>		
Ignition Harness	1200	
Spark Plugs	330	
<u>Engine Indicating, Chapter 77</u>		
Indicators, Carburetor Air Temperature	4500	
Indicators, Cylinder Head Temperature	4500	
Indicators, Manifold Pressure	4500	
Tachometer, Generator	2400	
<u>Exhaust, Chapter 78</u>		
Exhaust Manifold Assembly	1200	
<u>Oil, Chapter 79</u>		
Indicator, Oil Pressure	4800	
Indicator, Oil Quantity	4800	
Indicator, Oil Temperature	4800	
Regulator, Oil Cooler	1200	
Valve, Emergency Shutoff	3600	
Effective date <u>December 15, 1962</u>		

FIGURE 7. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
PRATT & WHITNEY - R1830 SERIES

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 01-1073
PART D		PAGE 2 of 2 PAGES
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE R1830 SERIES		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Starters, Chapter 80</u>		
Relay, Starter	3500	
Starter	1200	
<p>NOTE: Components or subcomponents of power plants that have overhaul time limitations in multiples of the basic engine overhaul time limitation shall receive an appropriate inspection, check or test at the basic engine overhaul period.</p>		
Effective date <u>December 15, 1962</u>		

FIGURE 8. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
WRIGHT AERO - R1820 SERIES

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved, Budget Bureau No. 61-RWS.
PART D	PAGE 1 of 2 PAGES	
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE R1820 SERIES		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Propellers, Chapter 61</u>		
Motor, Propeller Feathering	2400	
Propeller Assembly	2500	
Propeller Governors	1200	
Pump, Propeller Feathering	2400	
<u>Power Plant - General, Chapter 71</u>		
Actuator, Cowl Flap	2400	
Cowling	1200	
Mount, Engine	1200	
<u>Engine, Chapter 72</u>		
Engine, Basic	1200	
<u>Engine Fuel & Control, Chapter 73</u>		
Carburetor Assembly	2400	
Indicators, Fuel Pressure	3600	
Pump, Engine Driven	1200	
Transmitter, Fuel Pressure	3600	
Warning Unit, Fuel Pressure	3600	
<u>Ignition, Chapter 74</u>		
Ignition Harness	1200	
Spark Plugs	330	
<u>Engine Indicating, Chapter 77</u>		
Indicators, Carburetor Air Temperature	4500	
Indicators, Cylinder Head Temperature	4500	
Indicators, Manifold Pressure	4500	
Tachometer, Generator	2400	
<u>Exhaust, Chapter 78</u>		
Exhaust Manifold Assembly	1200	
<u>Oil, Chapter 79</u>		
Indicator, Oil Pressure	4800	
Indicator, Oil Quantity	4900	
Indicator, Oil Temperature	4800	
Regulator, Oil Cooler	1200	
Valve, Emergency Shutoff	3600	
Effective date <u>December 15, 1962</u>		

FIGURE 8. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
WRIGHT AERO - R1820 SERIES

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 04-1073.
PART D		PAGE 2 of 2 PAGES
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE R1820 SERIES		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Starters, Chapter 80</u>		
Relay, Starter	3600	
Starter	1200	
<p>NOTE: Components or subcomponents of power plants that have overhaul time limitations in multiples of the basic engine overhaul time limitations shall receive an appropriate inspection, check or test at the basic engine overhaul period.</p>		
Effective date <u>December 15, 1962</u>		

FIGURE 9. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
WRIGHT AERO - C18 SERIES

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved, Budget Bureau No. 01-1072
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE C18 SERIES		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Propellers, Chapter 61</u>		
Motor, Propeller Feathering	2800	
Propeller Assembly	43E60 2500	
Propeller Assembly	C634-S/C400 2500	
Propeller Governors	1400	
Pump, Propeller Feathering	2800	
<u>Power Plant - General, Chapter 71</u>		
Actuator, Cowl Flap	2800	
Cowling	1400	
Mount, Engine	1400	
<u>Engine, Chapter 72</u>		
Engine, Basic	1400	
<u>Engine Fuel & Control, Chapter 73</u>		
Indicator, Fuel Flow	4200	
Indicator, Fuel Pressure	4200	
Master Control Unit	2800	
Pump, Engine Driven	1400	
Pump, Fuel Injection	1400	
Transmitter, Fuel Flow	4200	
Transmitter, Fuel Pressure	4200	
Warning, Fuel Pressure	4200	
<u>Ignition, Chapter 74</u>		
Ignition Harness	4200	
Spark Plugs	330	
<u>Engine Indicating, Chapter 77</u>		
Indicator, BMEP	4200	
Indicator, Carburetor Air Temperature	4200	
Indicator, Cylinder Head Temperature	4200	
Indicator, Manifold Pressure	4200	
Indicator, Tachometer	4200	
Tachometer, Generator	2800	
<u>Exhaust, Chapter 78</u>		
Exhaust Manifold Assembly	1400	

Effective date December 15, 1962

FIGURE 9. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
WRIGHT AERO - C18 SERIES

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved, Budget Bureau No. 04-107A
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE C18 SERIES		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Oil, Chapter 79</u>		
Indicator, Oil Pressure	4200	
Indicator, Oil Quantity	4200	
Indicator, Oil Temperature	4200	
Oil Tank	(3 E/C)	
Regulator, Oil Cooler	1400	
Transmitter, Oil Pressure	4200	
Transmitter, Oil Quantity	4200	
Transmitter, Torque Pressure	4200	
Valve, Emergency Shutoff	4200	
Warning Unit, Oil Pressure	4200	
<u>Starter, Chapter 80</u>		
Relay, Starter	4200	
Starter	1400	
NOTE: Components or subcomponents of power plants that have overhaul time limitations in multiples of the basic engine overhaul time limitation shall receive an appropriate inspection, check or test at the basic overhaul period.		

Effective date — December 15, 1962

FIGURE 10. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
WRIGHT AERO - TC18 SERIES

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 01-10773
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE TC-18 SERIES		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Propellers, Chapter 61</u>		
Motor, Propeller Feathering	2400	
Propeller Assembly	34E60 2500	
Propeller Assembly	34H60 2000	
Propeller Governors	1200	
Pump, Propeller Feathering	2400	
<u>Power Plant - General, Chapter 71</u>		
Actuator, Cowl Flap	2400	
Cowling	1200	
Mount, Engine	1200	
<u>Engine, Chapter 72</u>		
Engine, Basic	1200	
<u>Engine Fuel & Control, Chapter 73</u>		
Indicators, Fuel Flow	4800	
Indicators, Fuel Pressure	4800	
Master Control Unit	2400	
Pump, Engine Driven	1200	
Pump, Fuel Injection	1200	
Transmitter, Fuel Flow	4800	
Transmitter, Fuel Pressure	4800	
Warning Unit, Fuel Pressure	4800	
<u>Ignition, Chapter 74</u>		
Ignition Harness	1200	
Spark Plugs	330	
<u>Engine Indicating, Chapter 77</u>		
Indicators, BMEP	4800	
Indicators, Cylinder Head	4800	
Indicators, Manifold Pressure	4800	
Indicators, Tachometers	4800	
Tachometer, Generator	2400	
<u>Exhaust, Chapter 78</u>		
Exhaust Manifold Assembly	1200	
Effective date <u>December 15, 1962</u>		

FIGURE 10. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
WRIGHT AERO - TC18 SERIES

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 01-1003
PART D	PAGE 2 of 2 PAGES	
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE TC-18 SERIES		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Oil, Chapter 79</u>		
Indicator, Oil Pressure	4800	
Indicator, Oil Quantity	4800	
Indicator, Oil Temperature	4800	
Oil Tank	(3 E/C)	
Regulator, Oil Cooler	1200	
Transmitter, Oil Pressure	4800	
Transmitter, Oil Quantity	4800	
Transmitter, Torque Pressure	4300	
Valve, Emergency Shutoff	3600	
Warning Unit, Oil Pressure	4800	
<u>Starter, Chapter 80</u>		
Relay, Starter	3600	
Starter	1200	
<u>Turbine, Chapter 81</u>		
Cooling Cap, Flight Hood	1200	
Power Recovery Turbine	1200	
<p>NOTE: Components or subcomponents of power plants that have overhaul time limitations in multiples of the basic engine overhaul time limitation shall receive an appropriate inspection, check or test at the basic engine overhaul period.</p>		
<p>Effective date <u>December 15, 1962</u></p>		

FIGURE 11. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
CONVAIR - CV-240/340/440

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Docket Bureau No. 04-1073
PART D	PAGE 1 of 3 PAGES	
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE CONVAIR CV-240/340/440		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Air Conditioning, Chapter 21</u>		
Actuators & Valves	12000	
Expansion Turbine	6000	
Indicator, Cabin Altitude	4000	
Indicator, Cabin Rate of Change	6000	
Regulators, Pressure	6000	
Selector, Cabin Altitude	4000	
Selector, Cabin Rate of Change	6000	
Turbo-Compressor	2000	
Valve-Auto Emergency	4000	
<u>Auto-Pilot, Chapter 22</u>		
	12000	
<u>Electrical, Chapter 24</u>		
Ammeter & Voltmeter	12000	
Control Panel, Generator	6000	
Generator	2000	
Inverter, Emergency	Engine Change	
Inverter, Main	5000	
Relay, Battery	2000	
	6000	
<u>Equipment & Furnishings, Chapter 25</u>		
Chute, Evacuation	12000	
First-Aid Kit	o/c	
	6 months	
<u>Fire Protection, Chapter 26</u>		
Cylinders, Weigh (CV-240)	12000	
Panel, Fire Detector	2500*	
Selector & Tank (CV-340,440)	6000	
	8000	
*Hydrostatic Test every 5 years.		
<u>Flight Controls, Chapter 27</u>		
Indicator, Wing Flap Position	12000	
Motor, Wing Flap Actuating	6000	
Transmitter, Wing Flap Position	6000	
Valve, Wing Flap Selector	6000	
	4000	
<u>Fuel, Chapter 28</u>		
Indicator, Fuel Quantity	12000	
Pump, Fuel Boost	4000	
Transmitter, Fuel Quantity	4000	
Valve & Motor Cross-Feed	4000	
Valve & Motor Fuel Supply Shutoff	8000	
Valve, Vapor Vent Check	4000	
	4000	
Effective date <u>December 15, 1962</u>		

FIGURE 11. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
CONVAIR - CV-240/340/440

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Docket Bureau No. 64-1074
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE CONVAIR CV-240/340/440		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Hydraulic, Chapter 29</u>		
Accumulator	12000	
Indicator, Hydraulic Pressure	8000	
Pump, Auxiliary Hydraulic	6000	
Regulator, Pressure	6000	
Transmitter, Hydraulic Pressure	6000	
Valve, Unloading	6000	
<u>Ice & Rain, Chapter 30</u>		
Indicator, Augmentor Vane	12000	
Relay, Propeller Deicer	6000	
Timer, Propeller Deicer	6000	
Transmitter, Anti-ice Temperature	6000	
Transmitter, Augmentor Vane	6000	
Valve, Heat Source	4000	
Valve, Tail anti-ice	8000	
<u>Instruments, Chapter 31</u>		
Clock	12000	o/c/
<u>Landing Gears, Chapter 32</u>		
Bottle, Emergency Air	12000	*
Cylinders, Main & Nose Actuating	4000	
Indicator, Brake Hydraulic Pressure	6000	
Transmitter, Brake Hydraulic Pressure	6000	
Valve, Power Brake	8000	
Wheels, Tires & Brakes	o/c	
*Hydrostatic Test every 5 years.		
<u>Lights, Chapter 33</u>		
Flasher	12000	4000
<u>Navigation, Chapter 34</u>		
Altimeter	12000	3000*
Compass, Magnetic	6000	
Indicator, Air Speed	4000	
Indicator, Gyro Horizon	3000	
Indicator, Outside Air Temperature	6000	
Indicator, Rate of Climb	4000	
Indicator, Turn & Bank	3000	
*Bench Check every 12 months.		
Effective date <u>December 15, 1962</u>		

AC No: 121-1
12/15/62

FIGURE 11. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
CONVAIR - CV-240/340/440

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved, Bureau Manual No. 01-8023
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE CONVAIR CV-240/340/440		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Oxygen, Chapter 35</u> Bottle, Oxygen	12000 **	
**Hydrostatic Test every 5 years.		
<u>Fuselage, Chapter 53</u>	12000	
<u>Nacelles, Chapter 54</u>	12000	
<u>Stabilizer, Chapter 55</u>	12000	
<u>Wings, Chapter 57</u>	12000	
<u>Propellers, Chapter 61</u> Box, Propeller Reverse Relay	4000	
Relay, Propeller Feather	6000	
Effective date <u>December 15, 1962</u>		

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FIGURE 12. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
CURTISS WRIGHT C46 SERIES

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved, Docket Bureau No. 04-10773
PART D	PAGE 1 of 3 PAGES	
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE CURTISS C-46		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Air-Conditioning, Chapter 21</u>	10000	
Heaters & Blower	2500	
<u>Auto-Pilot, Chapter 22</u>	10000	
Bank & Climb	1500	
Control, Directional Gyro	1500	
Servo	6000	
Valve, Balance Oil	6000	
<u>Electrical, Chapter 24</u>	10000	
Ammeter & Voltmeter	6000	
Generator	E/C	
Inverter, Emergency	5000	
Inverter, Main	2000	
Regulator, Voltage	2000	
Relay, Reverse Current	2000	
<u>Equipment & Furnishings, Chapter 25</u>	10000	
Chute, Evacuation	O.C.	
First-Aid Kit	6 months	
Transmitter, Emergency	4 months	
<u>Fire Protection, Chapter 26</u>	10000	
Cylinders, CO ₂	*	
*Hydrostatic Test every 5 years.		
<u>Flight Controls, Chapter 27</u>	10000	
Cylinder, Flap Actuating	6000	
Indicator, Wing Flap Position	6000	
Transmitter, Wing Flap Position	6000	
<u>Fuel, Chapter 28</u>	10000	
Indicator, Fuel Quantity	6000	
Pump, Fuel Boost	4000	
Transmitter, Fuel Quantity	6000	

Effective date December 15, 1962

FIGURE 12. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
CURTISS WRIGHT C46 SERIES

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Docket No. 64-1077A
PART D	PAGE 2 of 3 PAGES	
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE CURTISS C-46		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Hydraulic, Chapter 29</u>		
Accumulator	10000	
Filter, Main	8000	
Indicator, Hydraulic Quantity	5000	Note 1
Pump, Auxiliary Hydraulic	6000	
Transmitter, Hydraulic Quantity	6000	
Note 1 - Sample filters at 2000 and 4000 to substantiate the 5000 hours.		
<u>Ice & Rain, Chapter 30</u>		
Indicator, Deice Pressure	10000	
Motor, Wing Deice	6000	
Pump, Alcohol Anti-ice	1 year	
	1 year	
<u>Instruments, Chapter 31</u>		
Clock	10000	
	O.C.	
<u>Landing Gear, Chapter 32</u>		
Bottle, Emergency Air	10000	
Wheels, Tires & Brakes	*	
	O.C.	
*Hydrostatic Test every 5 years.		
<u>Lights, Chapter 33</u>		
Flasher	10000	
	4000	
<u>Navigation, Chapter 34</u>		
Altimeter	3000*	
Compass, Magnetic	6000	
Indicator, Air Speed	4000	
Indicator, Gyro Horizon	3000	
Indicator, Outside Air Temperature	6000	
Indicator, Turn & Bank	6000	
Indicator, Rate of Climb	4000	
*Bench Check every 12 months.		
<u>Oxygen, Chapter 35</u>		
Bottle, Oxygen	10000	
Indicator, Oxygen Pressure	*	
	6000	
*Hydrostatic Test every 5 years.		
Effective date	December 15, 1962	

FIGURE 12. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
CURTISS WRIGHT C46 SERIES

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE CURTISS C-46		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Vacuum, Chapter 36</u>	10000	
Indicator, Vacuum Pressure	6000	
Valve, Relief	6000	
<u>Fuselage, Chapter 33</u>	10000	
<u>Nacelles, Chapter 34</u>	10000	
<u>Stabilizers, Chapter 35</u>	10000	
<u>Wings, Chapter 37</u>	10000	

Effective date December 15, 1962

FIGURE 13. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS - DC-3 SERIES

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approval Budget Bureau No 01-1073
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-3		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Air-Conditioning, Chapter 21</u>	12000	
Heater	2500	
<u>Auto-Pilot, Chapter 22</u>	12000	
Bank & Climb	1500	
Control, Directional Gyro	1500	
Servo	6000	
Valve, Balance Oil	6000	
<u>Electrical, Chapter 24</u>	12000	
Ammeter & Voltmeter	6000	
Generator	E/C	
Inverter, Emergency	5000	
Inverter, Main	2000	
Regulator, Voltage	2000	
Relay, Reverse Current	2000	
<u>Equipment & Furnishings, Chapter 25</u>	12000	
Chute, Evacuation	O.C.	
First-Aid Kit	6 months	
Transmitter, Emergency	4 months	
<u>Fire Protection, Chapter 26</u>	12000	
Cylinders, CO ₂	*	
Panel, Fire Detector	6000	
*Hydrostatic Test every 5 years		
<u>Flight Controls, Chapter 27</u>	12000	
Cylinder, Flap Actuating	6000	
Indicator, Wing Flap Position	6000	
Transmitter, Wing Flap Position	6000	
<u>Fuel, Chapter 28</u>	12000	
Indicator, Fuel Quantity	6000	
Pump, Fuel Boost	4000	
Transmitter, Fuel Quantity	6000	
<u>Hydraulic, Chapter 29</u>	12000	
Accumulator	8000	
Indicator, Hydraulic Quantity	6000	
Pump, Auxiliary Hydraulic	6000	
Transmitter, Hydraulic Quantity	6000	
Effective date <u>December 15, 1962</u>		

FIGURE 13. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS - DC-3 SERIES

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 04-807a.
PART D	PAGE 2 of 3 PAGES	
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-3		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Ice & Rain, Chapter 30</u>	12000	
Indicator, Deice Pressure	6000	
Motor, Wing Deice	1 year	
Pump, Alcohol Anti-ice	1 year	
<u>Instruments, Chapter 31</u>	12000	
Clock	O.C.	
<u>Landing Gear, Chapter 32</u>	12000	
Bottle, Emergency Air	*	
Indicator, Landing Gear Pressure	6000	
Wheels, Tires & Brakes	O.C.	
*Hydrostatic Test every 5 years.		
<u>Lights, Chapter 33</u>	12000	
Flasher	4000	
<u>Navigation, Chapter 34</u>	12000	
Altimeter	3000**	
Indicator, Air Speed	4000	
Compass, Magnetic	6000	
Indicator, Gyro Horizon	3000	
Indicator, Outside Air Temperature	6000	
Indicator, Rate of Climb	4000	
Indicator, Turn & Bank	3000	
**Bench Check every 12 months		
<u>Oxygen, Chapter 35</u>	12000	
Bottle, Oxygen	*	
Indicator, Oxygen Pressure	6000	
*Hydrostatic Test every 5 years.		
<u>Vacuum, Chapter 36</u>	12000	
Indicator, Vacuum	6000	
Valve, Relief	6000	
<u>Fuselage, Chapter 53</u>	12000	
<u>Nacelles, Chapter 54</u>	12000	
<u>Stabilizers, Chapter 55</u>	12000	
Effective date <u>December 15, 1962</u>		

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FIGURE 13. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS - DC-3 SERIES

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-3			
Wings, Chapter 57	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>	
	12000		
Effective date <u>December 15, 1962</u>			

FIGURE 14. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS - DC-4 SERIES

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-4		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Air-Conditioning, Chapter 21</u>	12000	
Blower, Nose Heater	6000	
Heater, Cabin	2500	
Heater, Nose	2500	
 <u>Auto-Pilot, Chapter 22</u>	 12000	
 <u>Electrical, Chapter 24</u>	 12000	
Ammeter & Voltmeter	6000	
Generator	Engine Change	
Inverter, Emergency	5000	
Inverter, Main	2000	
Regulator, Voltage	2000	
Relay, Battery	6000	
 <u>Equipment & Furnishings, Chapter 25</u>	 12000	
Chute, Evacuation	o/c	
First-Aid Kit	6 months	
Life Vest & Raft	6 months	
Transmitter, Emergency	4 months	
 <u>Fire Protection, Chapter 26</u>	 12000	
Cylinders, Weigh	2500*	
Panel, Fire Detector	6000	
 *Hydrostatic Test every 5 years.		
 <u>Flight Controls, Chapter 27</u>	 12000	
Indicator, Flap Position	6000	
Transmitter, Flap Position	6000	
 <u>Fuel, Chapter 28</u>	 12000	
Indicator, Fuel Quantity	4000	
Pump, Fuel Boost	4000	
Transmitter, Fuel Quantity	4000	
 <u>Hydraulic, Chapter 29</u>	 12000	
Accumulator	8000	
Indicator, Hydraulic Pressure	6000	
Pump, Auxiliary Hydraulic	6000	
Regulator, Pressure	6000	
Transmitter, Hydraulic Pressure	6000	
 Effective date <u>December 15, 1962</u>		

FIGURE 14. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS - DC-4 SERIES

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Bureau No. 01-1073
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-4		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Ice & Rain, Chapter 30</u>	12000	
Indicator, Anti-ice Quantity	6000	
Indicator, Deice Pressure	6000	
Pump, Alcohol	8000	
Solenoids, Anti-ice	6000	
Transmitter, Anti-ice Quantity	6000	
<u>Instruments, Chapter 31</u>	12000	
Clock	o/c	
<u>Landing Gear, Chapter 32</u>	12000	
Bottle, Emergency Air	**	
Wheels, Tires & Brakes	o/c	
**Hydrostatic Test every 5 years.		
<u>Lights, Chapter 33</u>	12000	
Flasher	4000	
<u>Navigation, Chapter 34</u>	12000	
Altimeter	3000*	
Compass, Magnetic	6000	
Indicator, Air Speed	4000	
Indicator, Cyro Horizon	3000	
Indicator, Outside Air Temperature	6000	
Indicator, Rate of Climb	4000	
Indicator, Turn & Bank	3000	
*Bench Check every 12 months.		
<u>Oxygen, Chapter 35</u>	12000	
Bottle, Oxygen	**	
**Hydrostatic Test every 5 years.		
<u>Fuselage, Chapter 53</u>	12000	
<u>Nacelles, Chapter 54</u>	12000	
<u>Stabilizers, Chapter 55</u>	12000	
<u>Wings, Chapter 57</u>	12000	
Effective date <u>December 15, 1962</u>		

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FIGURE 15. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS - DC-6, DC-7

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-6, DC-7		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Air-Conditioning, Chapter 21</u>		
Accessory Containers	12000	
Expansion Turbine	4000	
Actuators & Valves	4000	
Heater Unit	6000	
Indicator, Cabin Altitude	2500	
Indicator, Cabin Rate of Change	6000	
Pump, Heater Fuel	6000	
Selector, Cabin Altitude	6000	
Selector, Cabin Rate of Change	6000	
Turbo-Compressor	2000	
Unit, Ignition	2500	
Valve, Auto-Emergency	4000	
<u>Auto-Pilot, Chapter 22</u>		
Amplifier (A-12)	12000	
Engaging Control	4000	
Gyro-Compass Control	8000	
Gyro-Compass, Repeater	4000	
Pedestal Controller	4000	
Servo, Controller	6000	
Servo, Unit	2500	
Vertical Gyro Control	6000	
<u>Electrical, Chapter 24</u>		
Ammeter & Voltmeter	12000	
Generator	6000	
Inverter, Emergency	Engine Change	
Inverter, Main	3000	
Regulator, Voltage	2000	
Relay, Battery	2000	
<u>Equipment & Furnishings, Chapter 25</u>		
Chute, Evacuation	12000	
First-Aid Kit	O.C.	
Life Vest & Raft	6 months	
Transmitter, Emergency	6 months	
	4 months	
<u>Fire Protection, Chapter 26</u>		
Cylinders, Weigh	12000	
Panel, Fire Detector	2500**	
	6000	

**Hydrostatic Test every 5 years.

Effective date December 15, 1962

FIGURE 15. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS - DC-6, DC-7

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-6, DC-7		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Flight Controls, Chapter 27</u>		
Indicator, Wing Flap Position	12000	
Transmitter, Wing Flap Position	6000	
<u>Fuel, Chapter 28</u>		
Indicator, Fuel Quantity	6000	
Pump, Fuel Boost	4000	
Transmitter, Fuel Quantity	4000	
<u>Hydraulic, Chapter 29</u>		
Accumulator	12000	
Indicator, Hydraulic Pressure	8000	
Pump, Auxiliary Hydraulic	6000	
Regulator, Pressure	6000	
Transmitter, Hydraulic Pressure	6000	
<u>Ice & Rain Protection, Chapter 30</u>		
Accessory, Containers	12000	
Blowers, Wing & Empennage Heater	4000	
Heater, Wing & Empennage	8000	
Unit, Ignition	8000	
	2500	
<u>Instruments, Chapter 31</u>		
Clock	12000	
	O.C.	
<u>Landing Gear, Chapter 32</u>		
Bottle, Emergency Air	12000	
Wheels, Tires & Brakes	*	
	O.C.	
*Hydrostatic Test every 5 years.		
<u>Lights, Chapter 33</u>		
Flasher	12000	
	4000	
<u>Navigation, Chapter 34</u>		
Altimeter	12000	
Compass, Magnetic	3000*	
Indicator, Air Speed	6000	
Indicator, Gyro Horizon	4000	
Indicator, Outside Air Temperature	3000	
Indicator, Rate of Climb	6000	
Indicator, Turn & Bank	4000	
	3000	
*Bench Check every 12 months.		
Effective date <u>December 15, 1962</u>		

FIGURE 15. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS - DC-6, DC-7

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-6, DC-7		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Fuselage, Chapter 53</u>	12000	
<u>Nacelles, Chapter 54</u>	12000	
<u>Stabilizers, Chapter 55</u>	12000	
<u>Wings, Chapter 57</u>	12000	
<u>Propellers, Chapter 61</u>		
Propeller Control Components (Electric)	4000	
Relay, Propeller Feather	6000	

Effective date December 15, 1962

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FIGURE 16. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED - L-049/749/1049/1649

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Digest Bureau No. 01-307a
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED L-049/749/1049/1649		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Air-Conditioning, Chapter 21</u>		
Actuators & Valves	12000	
Blower, Flight Station	6000	
Expansion Turbine	2000	
Fan, Heat Exchanger Cooling	4000	
Heat Cycling & Overheat Assembly	4000	
Heater Unit	9000	
Ignition Unit	2500	
Indicator, Cabin Altitude	2500	
Indicator, Cabin Rate of Change	6000	
Pump, Cabin Supercharger Reactor	6000	
Pump, Heater Fuel	2000	
Selector, Cabin Altitude	6000	
Selector, Cabin Rate of Change	6000	
Separator, Water	6000	
Turbo-Compressor	2000	
<u>Auto-Pilot, Chapter 22</u>		
	12000	
<u>Electrical, Chapter 24</u>		
Ammeter & Voltmeter	12000	
Generator	6000	
Inverter, Emergency	Engine Change	
Inverter, Main	5000	
Regulator, Voltage	2000	
Relay, Battery	2000	
	6000	
<u>Equipment & Furnishings, Chapter 25</u>		
Evacuation Chute	12000	
First-Aid Kit	c/c	
Life Vests & Raft	6 months	
Transmitter, Emergency	6 months	
	4 months	
<u>Fire Protection, Chapter 26</u>		
Cylinders, Weigh	12000	
	2500*	
*Hydrostatic Test every 5 years.		
<u>Flight Controls, Chapter 27</u>		
Indicator, Wing Flap Position	12000	
Transmitter, Wing Flap Position	6000	
	6000	
Effective date - December 15, 1962		

FIGURE 16. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED L-049/749/1049/1649

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 04-207a
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED L-049/749/1049/1649		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Fuel, Chapter 28</u>	12000	
Indicator, Fuel Quantity	4000	
Pump, Fuel Boost	4000	
Transmitter, Fuel Quantity	4000	
<u>Hydraulic, Chapter 29</u>	12000	
Accumulator	8000	
Dampener	8000	
Indicator, Hydraulic Pressure	6000	
Pump, Auxiliary Hydraulic	6000	
Regulator, Pressure	6000	
<u>Ice & Rain, Chapter 30</u>	12000	
Box, Windshield Anti-ice Control	4000	
Motor, Cowl Flap	4000	
Pump, Anti-ice	8000	
Pump, Deicer	4000	
Windshield Wiper Assembly	4000	
<u>Instruments, Chapter 31</u>	12000	
Clock	o/c	
<u>Landing Gear, Chapter 32</u>	12000	
Bottle, Emergency Air	*	
Wheels, Tires & Brakes	o/c	
*Hydrostatic Test every 5 years.		
<u>Lights, Chapter 33</u>	12000	
Flasher	4000	
<u>Navigation, Chapter 34</u>	12000	
Altimeter	3000*	
Compass, Magnetic	6000	
Indicator, Air Speed	4000	
Indicator, Gyro Horizon	3000	
Indicator, Outside Air Temperature	6000	
Indicator, Rate of Climb	4000	
Indicator, Turn & Bank	3000	
*Bench Check every 12 months.		
Effective date <u>December 15, 1962</u>		

FIGURE 16. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED - L-049/749/1049/1649

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED L-049/749/1049/1649		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Oxygen, Chapter 35</u>	12000	
Bottle, Oxygen	**	
Regulator, Oxygen Flow	8000	
**Hydrostatic Test every 5 years.		
<u>Fuselage, Chapter 53</u>	12000	
<u>Nacelles, Chapter 54</u>	12000	
<u>Stabilizers, Chapter 55</u>	12000	
<u>Wings, Chapter 57</u>	12000	
Effective date <u>December 15, 1962</u>		

FIGURE 17. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
MARTIN - M-202/404

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Item No. 04-R07A
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE MARTIN M-202/404		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Air-Conditioning, Chapter 21</u>	12000	
Actuators & Valves	6000	
Blower, Cabin	2000	
Blower, Combustion Air	3000	
Box, Cabin Temperature Control	4000	
Control, Fuel Assembly	4000	
Heater Unit	2500	
Ignition Units	2500	
Solenoid Valves & Filters	4000	
Switches, Ram Air	6000	
Turbo Compressor	2000	
<u>Auto-Pilot, Chapter 22</u>	12000	
<u>Electrical, Chapter 24</u>	12000	
Ammeter & Voltmeter	6000	
Contactors, Generator	2000	
Control Panel, Generator	2000	
Generator	Engine Change	
Inverter, Emergency	5000	
Inverter, Main	2000	
Regulator, Voltage	2000	
Relay, Battery	6000	
<u>Equipment & Furnishings, Chapter 25</u>	12000	
Chute, Evacuation	c/c	
First-Aid Kit	6 months	
<u>Fire Protection, Chapter 26</u>	12000	
Cylinders, Weigh	2500*	
Panel, Fire Detector	6000	
*Hydrostatic Test every 5 years.		
<u>Flight Controls, Chapter 27</u>	12000	
Actuator, Stabilizer Jack	8000	
Indicator, Wing Flap Position	6000	
Transmitter, Wing Flap Position	6000	
<u>Fuel, Chapter 28</u>	12000	
Indicator, Fuel Quantity	400	
Pump, Fuel Boost	4000	
Transmitter, Fuel Quantity	4000	
Effective date - December 15, 1962		

FIGURE 17. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
MARTIN - M-202/404

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE MARTIN M-202/404		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Hydraulic, Chapter 29</u>		
Accumulator	12000	
Indicator, Hydraulic Pressure	8000	
Pump, Auxiliary Hydraulic	6000	
Regulator, Pressure	6000	
Transmitter, Hydraulic Pressure	6000	
<u>Ice & Rain, Chapter 30</u>		
Heater, Wing & Empennage	12000	
Unit, Windshield Wiper	3000	
Units, Ignition	8000	
	3000	
<u>Instruments, Chapter 31</u>		
Clock	12000	
	o/c	
<u>Landing Gear, Chapter 32</u>		
Bottle, Emergency Air	12000	
Motor, Nose Dampener	*	
Wheels, Tires & Brakes	4000	
	o/c	
*Hydrostatic Test every 5 years.		
<u>Lights, Chapter 33</u>		
Flasher	12000	
	4000	
<u>Navigation, Chapter 34</u>		
Altimeter	12000	
Compass, Magnetic	3000*	
Gyro, Directional	8000	
Indicator, Air Speed	1500	
Indicator, Gyro Horizon	4000	
Indicator, Outside Air Temperature	3000	
Indicator, Rate of Climb	6000	
Indicator, Turn & Bank	4000	
	3000	
*Bench Check every 12 months.		
<u>Oxygen, Chapter 35</u>		
Bottle, Oxygen	12000	
Regulator, Pressure	**	
	8000	
**Hydrostatic Test every 5 years.		
Effective date <u>December 15, 1962</u>		

FIGURE 17. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
MARTIN - M-202/404

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE MARTIN M-202/404		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Fuselage, Chapter 53</u>	12000	
<u>Nacelles, Chapter 54</u>	12000	
<u>Stabilizers, Chapter 55</u>	12000	
<u>Wings, Chapter 57</u>	12000	
<u>Propeller, Chapter 61</u>		
Box, Auto Feather Relay	4000	
Box, Control Relay	6000	
Box, Propeller Reverse	4000	
Relay, Propeller Feather	6000	
Solenoid, Reverse Lock	6000	

Effective date December 15, 1962

FIGURE 18. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
VISCOUNT - 745D/810

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 64-R07A
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE VISCOUNT 745D/810		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Air-Conditioning System, Chapter 21</u>		
Actuator, Cabin Hot Air Supply	12000	
Actuator, Cabin Temperature Control	3500	
Actuator, Intercooler Flap	3500	
Actuator, Spill Valve Actuator	3500	
Actuator, Unpressurized Flight Valve	2500	
Altimeter, Cabin	3500	
Blower, Cabin Vent	6000	
Blower, Centrifugal Combustor	2500	
Compressor, Cabin Air	1500	
Controller, Cabin Pressure	2000	
Controller, Mass Flow	4000	
Heater Assembly	4000	
Ignition Assembly	2500	
Indicator, Cabin Differential Pressure	4000	
Pump, Heater Fuel	2500	
Switch, Cycling	2500	
Switch, Thermal	2500	
Turbine, Cabin Air Cooling	4000	
Valve, Cabin Outflow	4000	
Valve, Duct Relief	6000	
Valve, Safety	6000	
<u>Auto-Pilot, Chapter 22</u>		
Amplifier, Flux-Gate	12000	
Amplifier & Signal Generator	4000	
Computer, Flight Path	3500	
Controller, Pedestal	1500	
Indicator, Master Direction	6000	
Indicator, Three Axis Trim	4000	
Switch, Gaging	4000	
Servo, Main	o/c	
Transmitter, Flux-Gate	3500	
Vertical Dynamic Sensor	4000	
<u>Electrical System, Chapter 24</u>		
Circuit Breaker, Differential Overload	12000	
Generator	3500	
Inverter, Emergency	e/c	
Inverter, Main	5000	
Regulator, Voltage	2000	
Switch, Inverter Warning Failure	2000	
	4000	

Effective date December 15, 1962

FIGURE 18. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
VISCOUNT - 745D/810

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 04-8075
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE VISCOUNT 745D/810		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Equipment & Furnishings, Chapter 25</u>	12000	
Evacuation Chute	o/c	
<u>Fire Protection, Chapter 26</u>	12000	
Cylinders, Weigh (Water & CO ² Hand Ext'g.)	1 Yr.	
<u>Flight Controls, Chapter 27</u>	12000	
Actuator, Aileron Trim Tab	4500	
Drum Assembly - Microswitch Control	7000	
Flap Brake Assembly	4500	
Flap Clutch & Disconnect Assembly	4500	
Flap Gear Box	7000	
Flap Gear Box Drive Motor	2500	
Indicator, Aileron Trim Position	4000	
Transmitter, Aileron Trim Tab Position	4000	
Indicator, Flap Position	6000	
Transmitter, Flap Position	6000	
<u>Fuel System, Chapter 28</u>	12000	
Actuator, Low Pressure Fuel	2500	
Actuator, Plessey Interengine	2500	
Amplifier, Fuel Quantity	2500	
Indicator, Fuel Datum Trim	6000	
Indicator, Fuel Quantity	4000	
Pump, Fuel Boost	4000	
<u>Hydraulic System, Chapter 29</u>	12000	
Actuator, Foot Brake	6000	
Motor, Undercarriage Control Valve	2500	
Unit, Maxaret	3500	
<u>Ice & Rain Protection, Chapter 30</u>	12000	
Actuator, Jet Pipe Flap	2500	
Actuator, Thermal Deice Bypass Valve	2500	
Alternator, Prop Deice	2500	
Indicator, Jet Pipe Temperature	6000	
Inverter, Windshield Deice	2000	
<u>Instruments, Chapter 31</u>	12000	
Clock	o/c	

Effective date December 15, 1962

FIGURE 18. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
VISCOUNT - 745D/810

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Form No. 64-R07A
PART D	Page 3 of 3 pages	
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE VISCOUNT 745D/810		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Landing Gear, Chapter 32</u>	12000	
Emergency Air Bottle	*	
Indicator, Brake Pressure	6000	
Switches, Gear	4000	
Switches, Oil	4000	
Wheels, Tires & Brakes	o/c	
<u>Lights, Chapter 33</u>	12000	
Flasher	4000	
Lights, Landing	2500	
<u>Navigation Instruments, Chapter 34</u>	12000	
Altimeter	3000**	
Compass, Magnetic	6000	
Horizon, Gyro	3000	
Indicator, Air Speed	4000	
Indicator, Outside Air Temperature	6000	
Indicator, Rate of Climb	4000	
Indicator, Turn & Bank	3000	
**Bench Check Every 12 months		
<u>Oxygen System, Chapter 35</u>	12000	
Oxygen Bottle	*	
<u>Fuselage, Chapter 53</u>	12000	
<u>Nacelles, Chapter 54</u>	12000	
<u>Stabilizers, Chapter 55</u>	12000	
<u>Wings, Chapter 57</u>	12000	
*Hydrostatic Test Every 5 years		
Effective date <u>December 15, 1962</u>		

FIGURE 19. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED L-188 A & C

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Docket Bureau No. 1063
OPERATIONS SPECIFICATIONS		
PART D	Page 1 of 5 pages	
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED L-188 A & C		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Air Conditioning System, Chapter 21</u>	12,000	
Air Cycle By-Pass Valve	4,000	
Air Cycle Cooling Air Exit Door Actuator	4,000	
Air Cycle Heat Exchange	O.C.	
Air Cycle Cooling Turbine	4,000	
Altimeter, Cabin	7,000	
Cabin Air Compressor	2,000	
Cabin Air Flow Control Valve	2,000	
Cabin Pressure Reg. Outflow Valve	5,000	BC 2500
Cabin Pressure Safety Valve	12,000	BC 4000
Cabin Air Duct Shut-Off Valve	O.C.	
Cabin Air Duct Check Valve	O.C.	
Cabin Air Pressure Outflow Valve Control	3,500	
Cabin Air Pressure Outflow Valve Control Filter	1,500	
Cabin Freon Evaporator	O.C.	
Cabin Aux. Vent Inlet Valve & System	O.C.	
Cabin Air Warmup Valve Actuator	O.C.	
Cabin Air Filter	O.C.	
Cabin Duct Heater	O.C.	
Cabin Recirculating Fan	4,000	
Cooling Air Exit Door Actuator (tunnel)	4,000	
Cooling Air Inlet Door Actuator (tunnel)	4,000	
Flight Station Recirculating Fan	4,000	
Flight Station Freon Evaporator	O.C.	
Flight Station Duct Heater	O.C.	
Flight Station Aux. Vent Inlet Valve	O.C.	
Flight Station Air Filter	O.C.	
Freon Suction Pressure Throttling Valve	4,000	
Freon Condenser Fan	4,000	
Freon Condenser	O.C.	
Freon Compressor	3,000	
Lavatory Exhaust Fan	O.C.	
Manual Control Valve	5,000	
Negative Pressure Relief Valve	O.C.	
Radio Rack Exhaust Fan	1,400	
Rate Of Climb	7,000	
Radiant Heating Panel (floor and wall)	O.C.	
Radiant Heating Panel (cargo compt.)	O.C.	
Surge Control Valve	2,000	
Temperature Control Box	2,500	
Effective date	April 1, 1964	

FIGURE 19. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED L-188 A & C

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 01 R075
OPERATIONS SPECIFICATIONS		
PART D	Page 2 of 5 pages	
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED L-188 A & C		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Auto Pilot System, Chapter 22</u>		
May be determined by the assigned inspector.		
<u>Communications System, Chapter 23</u>		
May be determined by the assigned inspector.		
<u>Electrical Power, Chapter 24</u>		
Battery	O.C.	
Flight Station Electrical & Instrument Panels	O.C.	
Generator, AC	2,000	
Generator Control and Protection Components	2,000	
Inverter	2,000	
Main & Flight Station Distribution Centers, including Wiring, Terminals, Relays, Circuit Breakers, etc.	O.C.	
Power Contactors and Reverse Current Relays	2,000	
Secondary Electrical Centers, including Wiring, Terminals, Relays, Circuit Breakers, & etc.	O.C.	
Transformer Rectifiers	2,000	
Voltage Regulators	2,000	
<u>Equipment and Furnishings, Chapter 25</u>		
May be determined by the assigned inspector.		
<u>Fire Protection, Chapter 26</u>		
Cylinder	O.C.	
Discharge Valve Cartridges	5 yrs.	
Transfer Valve	3 yrs.	
Valve, Drain	8,000	
	3,500	
<u>Flight Controls, Chapter 27</u>		
Aileron Trim Tab Control Unit	O.C.	
Aileron Trim Tab Actuator Unit	12,000	
Aileron Push-Pull Tubes, Bellcranks Fittings, etc.	8,000	
Asymetry Detector Shut-Off Valve	6,000	
Asymetry Detector Actuated Flap Actuator Brake	12,000	
Effective date	April 1, 1964	

FIGURE 19. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED L-188 A & C

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 01-805
OPERATIONS SPECIFICATIONS		
PART D	Page 3 of 5 pages	
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED L-188 A & C		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Flight Controls, Chapter 27, continued</u>		
Booster Actuators	8,000	
Booster Valve Cluster	8,000	
Booster Frame Disconnect Mechanism	8,000	
Control Column	12,000	
Control Cables, Pulleys, Fairleads, etc.	O.C.	
Elevator Trim Tab Control Unit	12,000	
Elevator Trim Tab Actuator Unit	12,000	
Elevator Push-Pull and Torque Tube	8,000	
Flap Control System	5,000	
Hydraulic Load Sensors	8,000	
Rudder Pedals	12,000	
Rudder Trim Tab Control Unit	12,000	
Rudder Trim Tab Actuator & Linkage	12,000	
Rudder Push-Pull and Torque Tube Installation	8,000	
Wing Flap Main Drive Hydraulic Motor	12,000	
Wing Flap Main Drive Gear Box	12,000	
Wing Flap Actuators, Linkages, Tracks and Carriages	4,000	
<u>Fuel System, Chapter 28</u>		
Boost Pump, Main	5,000	
Boost Pump, Scavenge	5,000	
Fuel Valves (Crossfeed-Elect.; Shut- Off-Manual)	8,000	
Fuel Dump Valves	8,000	
Fueling Valve	8,000	
Fuel Quantity Tank Units	O.C.	
Fuel Quantity Indicators	5,000	
Fuel Pressure Warning System	O.C.	
Misc. Valves, Pilot & Vent.	10,000	
Overflow Valve	8,000	
Transmitter, Fuel Crossfeed	8,000	
<u>Hydraulic System, Chapter 29</u>		
Aux. Pump (DC)	4,000	
Hydraulic Motor Pump (AC)	2,000	
Heat Exchanger	O.C.	
Relief Valve, Main System	12,000	
Reservoir	12,000	
Pressure Switches	O.C.	
Effective date <u>April 1, 1964</u>		

FIGURE 19. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED L-188 A & C

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 01-100
OPERATIONS SPECIFICATIONS		
PART D	Page 4 of 5 pages	
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED L-188 A & C		
	Overhaul Period	Inspection & Check Period
<u>Ice and Rain Protection, Chapter 30</u>	O.C.	
Airfoil Temperature Sensor Amplifier	4,000	
Bleed Air Shut-Off Valve	3,000	
Control Unit, Temperature	8,000	
Fuselage Isolation Valve	8,000	
Indicator, Airfoil Temperature	8,000	
Indicator, Bleed Air Manifold	8,000	
Leakage Detector Valve	3,000	
Modulating Control Valves	8,000	
Switch Temperature Selector	8,000	
Transmitter, Bleed Air Manifold	8,000	
Thermostats	O.C.	
Universals	O.C.	
Firewall Bleed Air Shut-Off Valve	3,500	
Timer, Prop De-Ice	5,000	
Windshield De-Ice	8,000	
Windshield Wiper Accumulator	12,000	
Windshield Wiper Control Unit	4,000	
Window Units	12,000	
<u>Landing Gear, Chapter 32</u>		
Brake Accumulators	12,000	
Brake System	12,000	
Gear Up-and-Down Locks	10,000	
Lockout Cylinder	12,000	
Main and Nose Wheels	O.C.	* Tire Change
Main Gear	12,000	
Main Gear Door Actuating Cylinder	10,000	
Nose Gear	12,000	
Nose Gear Door Actuating Cylinder	10,000	
Nose Wheel Steering	12,000	
Valve, Shuttle	12,000	
Valve, Priority	12,000	
<u>Lighting, Chapter 33</u>		
May be determined by assigned inspector.		
<u>Navigation, Chapter 34</u>		
may be determined by assigned inspector.		
<u>Oxygen System, Chapter 35</u>		
May be determined by assigned inspector.		
Effective date <u>April 1, 1964</u>		

FIGURE 19. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED L-188 A & C

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 01-8063
OPERATIONS SPECIFICATIONS		
PART D	Page 5 of 5 pages	
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED L-188 A & C		
	Overhaul Period	Inspection & Check Period
<u>Doors, Chapter 52</u>		
Actuators	4,000	
Cylinder, Stair Actuating	4,000	
Doors and Emergency Exits	12,000	
Valve, Stair Selector	8,000	
<u>Fuselage, Chapter 53</u>		
Crew Seats and Attachments	8,000	
Exterior Covering	12,000	
Floor Support Members	12,000	
Interior	O.C.	
Nose Gear Well Area	12,000	
Passenger Seats and Attachments	12,000	
Structure Around Windows	12,000	
<u>Nacelles, Chapter 54</u>		
Attachments	12,000	4,000
Main Gear Support Structure	12,000	
Skin and Structure Beneath Tail Pipe Shroud	12,000	4,000
Tail Pipe and Shroud	12,000	2,000
<u>Stabilizers, Chapter 55</u>		
Attachments and Joints	6,000	
Exterior Covering	6,000	
Elevator and Tabs	12,000	* 500
Interior Structure	6,000	**2,000
Rudder and Tabs	12,000	
Vertical, Horizontal and Installation	6,000	
<u>Windows, Chapter 56</u>		
Cabin	12,000	
Windshield Structure	12,000	
<u>Wings, Chapter 57</u>		
Ailerons and Tabs	12,000	
Attach Joints	12,000	
Center Wing Section	8,000	
Flaps, Structure	12,000	
Interior Structure	12,000	
Wing to Fuselage Fillets	8,000	
Effective date	April 1, 1964	
		* Counter weight bracket ** Inspection Rear Spar Web

FIGURE 20. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
ALLISON 501-D13 ENGINE AEROPRODUCTS PROPELLER

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 01-1073
OPERATIONS SPECIFICATIONS		
AIRCRAFT MAINTENANCE		
ENGINE MAKE - ALLISON	PROPELLER MAKE - AEROPRODUCTS	
ENGINE MODEL - 501-D13	PROPELLER MODEL - A6441FN606	
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Propellers, Chapter 61</u>		
Alternator	2000	
Regulator	2000	
Hub	2500	
Blades	2500	
Reservoir	2500	
Spinner	OC	
<u>Power Plant General, Chapter 71</u>		
Engine Mounting System	OC	
Vibration Isolators	OC	
Engine Cowling	OC	
Engine Fire Seal	OC	
<u>Engine, Chapter 72</u>		
Compressor/Gearbox	4000	
Turbine Section	4000	
<u>Engine Fuel and Control, Chapter 73</u>		
Temperature Datum Control System	3000	
Fuel Control	3000	
Engine Fuel Pump	3000	
Fuel Flow Meter	3000	
<u>Ignition System, Chapter 74</u>		
Exciter and Relay	EO	
Ignitor	EO	
<u>Engine Air, Chapter 75</u>		
Ducts and Scoops	OC	
Anti-ice System	3000	
Speed-sensitive Control	3000	
<u>Engine Controls, Chapter 76</u>		
Power Lever System and Engine Coordinator Controls and Linkages	OC	
Effective date _____		

FIGURE 20. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
ALLISON 501-D13 ENGINE AEROPRODUCTS PROPELLER

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 04-11073
OPERATIONS SPECIFICATIONS		
AIRCRAFT MAINTENANCE		
ENGINE MAKE - ALLISON		
ENGINE MODEL - 501-D13		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Engine Indicating, Chapter 77</u>		
Tachometer Generator	3000	
Tachometer Indicator	5000	
T. I. T. Indicator	5000	
Torquemeter Indicator	5000	
Torquemeter Phase Detector	5000	
Indicator Oil Temperature	5000	
Indicator Oil Quantity	OC	
Indicator Oil Pressure Gearbox	5000	
Indicator Oil Pressure Engine	5000	
<u>Engine Exhaust System, Chapter 78</u>		
Engine Exhaust System	OC	
<u>Engine Oil System, Chapter 79</u>		
Engine Oil System	OC	
Actuator Oil Cooler Flap	3000	
Oil Quantity Transmitter	OC	
Oil Pressure Warning Switch	OC	
Oil Pressure Transmitters	5000	
Oil Cooler Flap Position Indicator	OC	
Fuel Oil Heat Exchanger	3000	
Oil Cooler	EO	
<u>Starting, Chapter 80</u>		
Engine Starter	EO	
Bleed Air Shutoff Valves	5000	
Isolation and Firewall Valves	5000	
Combustor Assembly	1800	
Air Storage Bottles	5 years	
Corrosion Inspection	1 year	
Air Bottle Cooling Valve	5000	
Air Compressor	OC	
Low Pressure Regulator Valve	EO	

Effective date _____

FIGURE 21. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
BOEING 707/720

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 01-1073
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE BOEING 707/720		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Air Conditioning, Chapter 21</u>	O.C.	
Ducting, Plumbing, Electrical Conduits	O.C.	
Turbo Compressor	3,000	
Outflow Valves	2,500	
Cabin Pressure Controller	5,000	
Differential Pressure Indicator	8,000	
Vapor Cycle Pack	5,000	
Tachometer, Turbo Compressor	3,500	
Actuator - Ram Air Damper	7,500	
Controller, Cockpit Airflow	7,500	
Valve - Pack Shutoff	5,000	
Valve - Cabin Temp. Control	7,500	
Valve - Cockpit Temp. Control (Hot)	10,000	
Valve - Cockpit Temp. Control (Cold)	10,000	
Valve - Ram Air Shutoff	12,500	
Valve - Wing Shutoff	12,500	
Blower - Recirculating	3,500	
Controller - Cabin Pressure Manual	5,000	
Fan Assembly - Condenser	4,000	
Heat Exchanger	O.C.	
Heaters - Electric	O.C.	
Indicator - Cabin Temperature	O.C.	
Indicator - Cabin Rate of Climb	10,000	
Pump - Jet	O.C.	
Relay - Compressor Discharge Overheat	10,000	
Relay - Cabin Pressure Warning	10,000	
Elements - Temperature Sensing	O.C.	
Switch - Duct Overheat	O.C.	
Switch - Pressure Altitude	O.C.	
Valve - Blower Shutoff	10,000	
Valve - Cabin Air Check	O.C.	
Valve - Cockpit Air Check	O.C.	
Valve - Turbo Compressor Check	O.C.	
Electronic Equipment Blower	6,000	
Valve - Cabin Pressure Bleed Air Shutoff	O.C.	
Air Cycle Machine	5,000	
Condenser	O.C.	
Evaporator	O.C.	
Compressor	10,000	
<u>Auto Pilot - Chapter 22</u>	O.C.	
Auto Pilot Adapter	O.C.	
Box - Power Junction	5,000	
Control Panel	O.C.	
Indicator - 3 Axis Trim (Eclipse Pioneer)	7,500	
Sero - Stabilizer Trim	5,000	
Effective date <u>July 1, 1964</u>		

FIGURE 21. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
BOEING 707/720

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Bulfinch Bureau No. 04 Rev 5
PART D	Page 2 of 12 Pages	
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE BOEING 707/720		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
Annunciator - Glide Scope	O.C.	
Three Axis Rate Transmitter	5,000	
Air Data Sensor	3,000	
Amplifier and Computer	3,000	
Servo - Aileron, Rudder & Elevator	2,500	
Unit - Comparison	2,500	
<u>Communications, Chapter 23</u>		
<u>Electrical Power, Chapter 24</u>	O.C.	
Constant Speed Drive Oil Temp. Indicator	10,000	
Resistance Bulb c/o Drive Oil Temp.	O.C.	
Wattmeters	10,000	
DC Voltmeters	10,000	
DC Ammeters	10,000	
Generator Control Unit	O/C	
Relay - Essential Power Failure	5,000	
Relay - External Power	6,000	
Relay External Power Control	5,000	
Relay - External Power Interlock	7,500	
Relay - Negative Sequence Aux #1	7,500	
Relay - Negative Sequence Aux #2	7,500	
Relay - Negative Sequence	6,000	
Transformer Rectifier	O.C.	
A/C Generator	3,000	
Voltage Regulator	5,000	
Load Controller	5,000	
Reverse Current Relay	5,000	
Battery	O.C.	
A/C Voltmeter and Ammeter	10,000	
Frequency Meter	10,000	
C/S Drive & Disconnect	3,000	
<u>Equipment and Furnishings, Chapter 25</u>	O.C.	
Maybe determined by Assigned Inspector		
<u>Fire Protection, Chapter 26</u>		
Control Unit - Wheel Well Area Fire Detector	5,000	
Valve - Double Tee	10,000	
Bottle - Fire Extinguisher	5 years	Hydrostatic Test
Control - Fire Warning Bell	O/C	
Stop Valve & Solenoid	6,000	
Portable Co ² Bottles	5 years	Hydrostatic Test
Wheel Well Fire Detector Sensing Elements	O.C.	
Engine Fire Detector Thermo Switches	O.C.	
Effective date <u>July 1, 1964</u>		

FIGURE 21. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
BOEING 707/720

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 04-8075
PART D	Page 3 of 12 Pages	
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE BOEING 707/720		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Flight Controls - Chapter 27</u>	O.C.	
Flasher - Speed Brake and Flap Warning	5,000	
Gear Box - Angle Flap Drive	10,000	
Gear Box - Double Angle Fillet Flap Drive	10,000	
Indicator - Flap Position	10,000	
Motor - Emery Flap Drive	10,000	
Motor - Hydraulic Flap Drive	10,000	
Motor - Stabilizer Trim Drive	5,000	
Power Unit - Flap Drive Gearbox	10,000	
Relay - Emergency Flap Drive	10,000	
Relay - Stabilizer Trim Control	10,000	
Relay - Stabilizer Trim Safety	10,000	
Screw Assembly - Fillet Flap Drive	10,000	
Screw Assembly - Main Flap Drive	10,000	
Transmitter - Flap Position	10,000	
Valve - Flap By Pass	10,000	
Valve - Flap Metering	10,000	
Flap Cables - Tension Check and Pressure Seal Inspection	O.C.	
Valve - Spoiler Metering	10,000	
Control Column	O.C.	
Snubber - Ailerion Gust	O.C.	
Snubber - Elevator Gust	O.C.	
Snubber - Rudder Gust	10,000	
Damper - Rudder Control Tab	10,000	
Actuator - Leading Edge Flap	12,000	
Valve - Leading Edge Flap Actuator	12,000	
Actuator - Stabilizer Trim	5,000	
Ailerion Control Surface Assembly	10,000	
Ailerion Tab Cockpit Control Mech.	10,000	
Spoiler Control Surface	O.C.	
Spoiler Actuators	10,000	
Flap Assembly	10,000	
Rudder Control Jackshaft Installation	10,000	
Rudder Pedal Assembly	5,000	
Control Unit - Power - Rudder	10,000	
Compensator - Rudder Power Control	10,000	
Valve - Rudder Power Control	10,000	
Valve - Rudder System Pressure Control	10,000	
Valve - Rudder System Pressure Reducing	10,000	
Elevator Control Surface Assembly	10,000	5,000
Horizontal Stabilizer Assembly	6,000	3,000
Stabiizer Trim Actuator Installation	5,000	
Functional Check Entire Flight Control System		3,000

Effective date July 1, 1964

FIGURE 21. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
BOEING 707/720

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 04 R075
PART D	Page 4 of 12 Pages	
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE BOEING 707/720		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Fuel System, Chapter 28</u>	O.C.	
Indicator - Fuel Flow	5,000	
Indicator - Fuel Quantity	5,000	
Power Unit fuel Flow	2,000	
Snubber - Fuel Dump	10,000	
Solenoid - Fuel Dump Release	7,500	
Compensator - Tank Unit	O.C.	
Gauge - Fueling Quantity	5,000	
Indicator - Fuel Temperature	10,000	
Bulb - Fuel Temperature #1 Main Tank	O.C.	
Valve - Defueling Check	O.C.	
Valve - Pump Removal Check	O.C.	
Valve - Defueling Manual	O.C.	
Valve - Manual Fueling Shutoff	O.C.	
Valve - Fueling Level Control Shutoff	O.C.	
Valve - Fueling Test	O/C	
Valve Thermal Relief	O.C.	
Fuel Flow Transmitter	5,000	
Booster Pumps	10,000	7,500
Engine Fuel Feed Shutoff Valve	8,000	
Engine Fuel Manifold Shutoff Valve	8,000	
Engine Fuel Emergency Shutoff Valve	8,000	
Reserve Tank Shutoff Valve	10,000	
Dual Check Valve	O.C.	
Dump Chute Shutoff Valve	10,000	
Fuel Dump Actuator and Motor	5,000	
Fuel Dump Uplatch Actuator	5,000	
<u>Hydraulic Power, Chapter 29</u>	O.C.	
Indicator - Reservoir Level	7,500	
Pump - Aux. Hydraulic Motor	2,500	
Regulator - Reservoir Air Pressure	10,000	
Switch - Pressure	O.C.	
Transmitter - Reservoir Level	7,500	
Valve - Main and Auxillary Interconnect	10,000	
Valve - Utility System Relief	12,000	
Valve Suction Shutoff	10,000	
Relay - Auxillary Pump	7,500	
Gauge - Accumulator Pressure	O.C.	
Transmitter - Temperature Sensing	O.C.	
Valve - Manual Bypass	12,000	
Hydraulic Pump - Engine Driven	2,000	
Hydraulic Accumulator	O.C.	
Hydraulic Reservoir	O.C.	
Pressure Transmitter	7,500	
Effective date <u>July 1, 1964</u>		

FIGURE 21. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
BOEING 707/720

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 04-1075
PART D	Page 5 of 12 Pages	
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE BOEING 707/720		
	Overhaul Period	Inspection & Check Period
<u>Hydraulic Power, Chapter 29 (continued)</u>		
Pressure Indicator	10,000	
Pump Rudder Hydraulic Motor	4,000	
<u>Ice and Rain Protection, Chapter 30</u>		
Ammeter - Pitot Heater	10,000	
Ammeter - Empennage Anti Ice	10,000	
Controller - Empennage Shedding Area	7,500	
Controller - Automatic Empennage Shedding Area	7,500	
Controller - Empennage Parting Strip	7,500	
Relay - Nesa Control	10,000	
Relay - Wing Anti Ice	10,000	
Converter - Windshield Wiper	10,000	
Drive - Windshield Wiper Flex.	O.C.	
Duct - Temperature Indicator	10,000	
Duct - Temperature Sensor	O.C.	
Anti Ice Check Valve	12,000	
Anti Ice Shutoff Valve	10,000	
Anti Ice Ducting	O.C.	
Empennage De Icer Overheat Switch	O.C.	
Empennage Temp. Control Switch	O.C.	
Windshield Anti Ice Controller	5,000	
Windshield Wiper Motor	10,000	
Ice Detector	O.C.	
Ice Interptor	O.C.	
<u>Instruments, Chapter 31</u>		
Ram Air Temperature Indicator (Lewis)	10,000	
Static Air Temperature Indicator (Kollsman)	5,000	
Air Speed - Angle of Attack Indicator (Kollsman)	5,000	
Machmeter (Kollsman)	7,500	
Altimeter and Scale Error Corrector	5,000	
Altimeter (Kollsman 671-CPX-10-051)	5,000	
Indicator - True Air Speed (Kollsman)	5,000	
Pitot Tubes	O/C	
Static System	O.C.	
Flight Recorder	2,000	
Heading Amplifier	O.C.	
Angle of Attack Sensor	O.C.	
Control Unit - Air Data	O.C.	
<u>Landing Gear, Chapter 32</u>		
Actuator - Main Gear	10,000	
Actuator - Main Gear Door	10,000	
Actuator - Main Gear Side Strut	10,000	
Actuator - Nose Gear	10,000	
Actuator - Nose Gear Door	10,000	
Effective date	July 1, 1964	

FIGURE 21. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
BOEING 707/720

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE BOEING 707/720		
	Overhaul Period	Inspection & Check Period
<u>Landing Gear, Chapter 32 (continued)</u>		
Control Shield - Anti Skid	10,000	
Cylinder - Nose Steering	10,000	
Detector - Brake Anti Skid	2,500	
Gauge Emergency Air Brake Pressure	10,000	
Relay - Main Gear Position Warning	10,000	
Relay - Nose Gear Position Warning	10,000	
Relay - Safety Switch	12,500	
Restrictor - Nose Gear Variable	12,500	
Snubber Assembly - Main Gear	12,500	
Solenoid - Landing Gear Latch Lever	O.C.	
Transmitter - Brake Accumulator Pressure	7,500	
Valve - Brake Anti Skid	10,000	
Valve - Brake Deboost	10,000	
Valve - Brake Shuttle	10,000	
Valve - Landing Gear Selector	10,000	
Valve - Main Gear Actuator Sequence	10,000	
Valve - Nose Gear Door Control	10,000	
Valve - Air Brake Control	O.C.	
Valve - Steering Disconnect	10,000	
Bottle - Air Brake	O.C.	
Switch - Leveling Cyl.	O.C.	
Centering and Snubber Assembly	O.C.	
Valve - Landing Gear Door Safety	O.C.	
Valve - Nose Gear Door Safety	O.C.	
Nose Gear Assembly	10,000	
Nose Gear Shock Strut	10,000	
Nose Gear Drag Strut and Lock Assembly	12,500	
Nose Gear Torsion Link	12,500	
Nose Gear Steering Collar	12,500	
Nose Gear Axles	12,500	
Nose Gear Emergency Lockshaft, Actuator Support Shaft, Lock Arm Shaft and Drag Brace Shaft	12,500	
Nose Gear Wheel Assembly	O.C.	
Nose Gear Lock Mechanism	10,000	
Nose Gear Emergency Release System	O.C.	
Nose Gear Signal System	O.C.	
Valve - Nose Gear Steering	10,000	
Main Gear Assembly	10,000	
Main Gear Trunnion	12,500	
Main Gear Truck Assembly	12,500	
Main Gear Drag Strut.	12,500	
Main Gear Side Strut.	12,500	
Main Gear Torsion Links	12,500	

Effective date _____

FIGURE 21. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
BOEING 707/720

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	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>	
<u>Landing Gear, Chapter 32 (continued)</u>			
Main Gear Walking Beam and Support Link	12,500		
Main Gear Wheel Assembly	OC		
Main Gear Brake Assembly	OC		
Emergency Release System	OC		
Power Brake Valve	10,000		
Centering Cylinder			
<u>Lights, Chapter 33</u>			
May be determined by Assigned Inspector			
<u>Navigation, Chapter 34</u>			
May be determined by Assigned Inspector			
<u>Oxygen, Chapter 35</u>			
	OC		
Automatic Altitude Sensing Valve	7,500		
Manifold Pressure Switch	10,000		
Disconnect - Crew Oxygen	OC		
Bottle Oxygen Portable	5 years	Hydrostatic Test	
Regulator - Constant Flow	7,500		
Latch - Automatic	OC		
Valve - Mask Shutoff	OC		
Valve - Oxygen By Pass	7,500		
Oxygen Cylinder	5 years	Hydrostatic Test	
Crew Demand Regulator	7,500		
Pressure Reducing Valve	OC		
Passenger Oxygen Mask Assembly	OC		
<u>Powerplant General, Chapter 71</u>			
Engine Mount Links and Fittings	EO		
Engine Mount Bolts	EO		
Engine Nose Cowl	EO		
Engine Nose Cone	EO		
Cowling	EO		
<u>Engine, Chapter 72</u>			
Compressor Section	3,000*		
Turbine Section	2,000*		
* Sample one turbine overhaul at 1800 hours, one compressor section overhaul at 2400 hours and one compressor section overhaul at 2800 hours.			
Effective date _____			

FIGURE 21. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
BOEING 707/720

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE BOEING 707/720		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Engine Fuel and Control, Chapter 73</u>		
Fuel and Oil Heat Exchanger	EO	
Fuel Control Unit	EO	
Fuel Pump, Engine Driven	EO	
Indicator, Fuel Pressure	10,000	
Indicator, Fuel Flow	5,000	
Switch, Fuel Pressure Warning	EO	
Transmitter, Fuel Pressure	5,000	
Transmitter, Fuel Flow	EO	
<u>Ignition System, Chapter 74</u>		
Ignition Exciter	EO	
Ignition	EO	
Ignition Transformer	EO	
High Tension Heads	EO	
<u>Air System, Chapter 75</u>		
Anti-icing Control Valve and System	EO	
Valve, Oil Cooler Ejector Control	OC	
Compressor Bleed Valve and Actuator	EO	
Anti-icing Bleed Shutoff Valve	EO	
Valve, Fuel Deice Shutoff	OC	
Anti-icing Regulator	EO	
Ejector, AC Generator Cooling	2,500	
Valve, Nacelle Thermal Anti-ice	EO	
Valve, Nose Cowl Anti-ice	EO	
<u>Engine Controls, Chapter 76</u>		
Cockpit Pedestal Area	OC	
Cockpit to Engine Struts	OC	
Engine Struts	OC	
Engine	OC	
<u>Engine Indicating, Chapter 77</u>		
Bulb, Ram Air Temperature	EO	
Generator, Tachometer	EO	
Indicator, Pressure Ratio	EO	
Transmitter, Pressure Ratio	3,500	
Indicator, Tachometer	5,000	
Indicator, Ram Air Temperature	OC	
Indicator, Exhaust Gas Temperature	5,000	
Indicator, Engine Vibration	5,000	
Effective date _____		

FIGURE 21. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
BOEING 707/720

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE BOEING 707/720		
<u>Engine Indicating, Chapter 77 (continued)</u>		
Detector, Engine Vibration		EO
Amplifier, Engine Vibration		EO
<u>Exhaust System, Chapter 78</u>		
Exhaust Nozzle and Plug		EO
Aft Fairing Assembly		EO
Thrust Reverser Assembly and Control		EO
Valve, Reverser Directional		EO
Thrust Reverser Actuating Cylinder		EO
<u>Oil System, Chapter 79</u>		
Actuator, Oil Cooler Door		EO
Cooler Assembly		EO
Indicator, Oil Pressure		EO
Indicator, Oil Quantity		7,500
Indicator, Oil Temperature		10,000
Oil Tank		EO
Switch, Oil Pressure Warning		OC
Thermostat, Oil Temperature Control		EO
Transmitter, Oil Pressure		EO
Transmitter, Oil Quantity		OC
Valve, Oil Shutoff		OC
Valve, Oil Temperature Control		OC
<u>Starting, Chapter 80</u>		
Air Compressor		2,500
Bottle, Air Start		5 years
Corrosion Inspection		1 year
Starter, Pneumatic		EO
Starter Low Pressure Shutoff Valve		EO
Gauge, Air Pressure		7,500
Valve, Air Bottle Ground Charge		OC
Valve, Starter Air Relief		10,000
Regulator, Pressure Shutoff		7,500
<u>Water Injection, Chapter 82</u>		
Pump, Water Injection Electric		3,000
Pump, Water Injection Engine Driven		EO
Switch, Water Pressure		10,000
Valve, W/I Check		10,000
Valve, Water Shutoff		5,000
Valve, Water Drain		5,000
Indicator, Water Quantity		OC
Sensor, Water Quantity		OC
Valve, Water Injection Relief		OC
Effective date _____		

FIGURE 21. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
BOEING 707/720

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE BOEING 707/720		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
The Following Systems are Structural and Systems Items that are not removed from the Aircraft. Sample items are identified by a Suffix "S" and will be accomplished on 1/4 of the Fleet		
<u>Doors, Chapter 52</u>		
Electronic, forward Cargo, Rear Cargo, L. Entry Door, Rt. Forward Service Door, Rt. Entry Door, Interior, Frames, Scuff Plates Emergency Exits, Cutouts, Interior and Exterior	4,000 S	
<u>Fuselage, Chapter 53</u>		
Framing and Skin around Windshields and Windows Zone 21-22-26	5,000 S	
Framing and Skin around Galley, Cargo Entrance Doors, Emergency Exits, Hatches, Electronic Access Doors, Battery Access Doors, Zone 11-12-13-15-25-26-27	4,000 S	
Above Floor	4,000 S	
Below Floor	4,000 S	
Galley, Cargo and Entrance Doors Emergency Exit Hatches, and Lower Nose Compartment Access Doors Zone 11-12-25-26-42-43-44-45-46-47-48	4,000 S	
Fuselage Skin Panels and Circum Ferential and Longitudinal Skin Joints - Zone 14-15-16-21-22-23-24-25-26-27-28-29-32-33-37	4,000 S	
Fuselage Skin Panels under Horizontal Stabilizer Fairing Zone 37	10,000	
Tension Bolts between Body Section at Stations 360 to 960 Zone 16-24-26-29 and Station 1440 Zone 37	4,000 S	
Pressure Bulkheads and Pressure Panels at the Following Locations:		
BS 178 Zone 41	7,000	
Nose Wheel Well Zone 31	3,000	
BS 620 Zone 33-34	4,000 S	
BS 960 Zone 35-36	4,000 S	
BS 1440 Zone 37	4,000 S	
Horizontal Pressure Web Between BS 820 and 960 - Zone 35-36	4,000 S	
Wing and Empennage Attachment Bulkhead at Following Body Stations:		
BS 620-820 - Zone 14-26-35-36	7,000	
BS 1440 Zone 29	4,000 S	
BS 1505.87 Zone 37	5,000	
BS 1592 Zone 38	8,000	
Effective date <u>July 1, 1964</u>		

FIGURE 21. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
BOEING 707/720

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE BOEING 707/720		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
Body Frames at BS 740-758.95, 781.95, and 800 - Zone 26	5,000	
Floor Beams at BS 360, 830, 920, and 1,260 Zone 11-12-14-15-26	4,000 S	
Fuselage Delta Beam BS 620-820 and Keel Beam BS 820-960 Zone 32	5,000	
Main Gear Side Brace Support Fittings Zone 35-36	4,000	
Nose Landing Gear Supporting Structure Zone 31	3,500	
Skin and Stringer Splices in Crown Area (510 and above) at BS 360-481-620-820- 960-1241 and 1440 Zones 24-25-26-29	4,000 S	
Intermediate Stringer Splices in Crown Area's S-10 and above BS 600-620-820 960-1440 Zone 26	4,000 S	
Fuselage Skin in Lower Lobe under Galley and Lavatory Areas - Zone 11-12-13-15-16	4,000 S	
<u>Nacelles, Chapter 54</u>		
Forward Engine Mount Fittings	1,400	
Forward Engine Mount Thrust Link	1,400	
Thrust Link Terminal Bolts	4,000 S	
Forward Engine Mount Thrust Connection Fitting	1,400	
Rear Engine Mount Fitting	1,400	
Rear Engine Support Brackets	1,400	
Nacelle Strut Front Spar Fittings	1,400	
Nacelle Strut Midspar Fittings	4,000 S	
Nacelle Strut Lower Spar Fittings	4,000 S	
Nacelle Strut Diagonal Brace	4,000 S	
Nacelle Front Spar Bolts	5,000	
Diagonal Strut Bolts	10,000	
Bolts - Mid Spar	10,000	
Wing Upper Surface Strut Support	5,000	
Nacelle Strut Internal Structure	8,000	
Forward and Aft Drag Support Fittings	8,000	
<u>Stabilizers, Chapter 55</u>		
Horizontal Stabilizer Upper and Lower Spar Terminal Fittings and Ends of Spars Zone 37	5,000	
Horizontal Stabilizer Upper Rear Spar Terminal Fishmouth Splices Zone 91-92-37	5,000	
Horizontal Stabilizer Attach Pins Zone 37	10,000	
Horizontal Stabilizer Structure Internal Zone 91-92	5,000	
Horizontal Stabilizer Center Section Zone 37	5,000	
Effective date <u>July 1, 1964</u>	5,000	

FIGURE 21. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
BOEING 707/720

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE BOEING 707/720		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
Horizontal Stabilizer Center Section Hinge Fittings BS 1592	2,500	
Horizontal Stabilizer Jackscrew Fittings on Front Spar and on Floor of Body Section 48 BS 1505 Zone 37	3,500	
Horizontal Stabilizer Leading Edge Attachment Zone 91-92	3,500	
Elevator Internal Structure Zone 93-94	10,000	
Elevator Balance Panels, Panel Support Link Assemblies Balance By Access and Top Panels Zone 93-94	3,500	
Elevator Adjustable Weights (Bolted to Balance Panels) Zone 93-94	3,500	
Elevator Trim and Control Tabs Zone 93-94	1,200	
Elevator Hinge Fittings Zone 93-94	1,200	
Fuselage Fin Attach Fittings BS 1440 Zone 95	4,000 S	
Fuselage Fin Attach Fittings BS 1507 Zone 95	4,000	
Vertical Fin Front Spar Terminal Fittings and End of Spars - Zone 95	4,000 S	
Fin Rear Spar Terminal Fittings and Fishmouth Splices - Zone 95	10,000	
Fin Attach Pins - Zone 95	5,000 S	
Vertical Fin Internal Structure	4,000 S	
Vertical Fin Leading Edge Attachment Zone 95	3,500	
Vertical Fin Splice Station 111.65	3,500	
Rudder Hinge Fittings Zone 96	1,200	
Rudder Balance Panel, Panel Support Link Assemblies Skin and Covers in Balance Bay Area's Zone 96	3,500	
Control and Balance Tabs Zone 96	1,400	
Rudder Internal Structure Zone 96	4,000 S	
<u>Wings, Chapter 57</u>		
Upper & Lower Interspar Skin Zone 71-72-73-74-75-79	4,000	
Lower Interspar Skin Underwing Body Fairing and Wing Center Section Zone 76-77-78	4,000	
Rear Spar Wing Terminal Forging Zone 77	5,000	
Wing Production Joint Zone 71-74-75-79	4,000 S	
Wing to Body Shear Attachment Wing Upper Surface Zone 76-78	4,000 S	
Wing Lower Surface at WBL 129.6R Zone 72-74-76-78	4,000 S	
Beaver Tail Attachment and Holes Zone 72-73-76-78	4,000 S	
Wing Lower Surface Interspar Area Zone 71-72-73-74 -75-76-77-78-79	4,000 S	
Effective date <u>July 1, 1964</u>		

FIGURE 21. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
BOEING 707/720

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	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Wings, Chapter 57 (continued)</u>		
Wing Center Section Lower Surface		
Stringers Adjacent to Manufacturing Access Holes - Zone 77	12,000	
Wing Lower and Upper Surface Splice at WBL 64.38	4,000 S	
Wing Lower and Upper Surface Stringer Splices at WBL 129.62 Zone 72-73-76-78	4,000 S	
Wing Lower and Upper Surface Splice at WS 360 Zone 71-72-73-74	4,000 S	
Wing Lower and Upper Surface Splice at Wing Production Joint Zone 71-74-75-79	4,000	
Stringer Connections at Boost Pump Housing WBL 75 113,145,WS 340 and WS 368 Zone 71-72- 73-74-76-78	4,000 S	
Lower Surface Stringers at WS 643.50 Zone 71-74	4,000 S	
Front Spar Zone 62-63-64-65-66-67-14	4,000 S	
Rear Spar Zone 33-34-35-36-81-82-83-84-85- 86-87-88	4,000 S	
Zone 84-85	6,000	
Zone 33-34 BBL 38.05	10,000	
Front and Rear Spars (Internal) Zone 71-72- 73-74-75-79	4,000 S	
Zone 76-77-78	5,500	
Wing Ribs and (Center Section) Spanwise Beams Zone 71-72-73-74-75-76-77-78-79	4,000 S	
Wing Body Breather Web and BL 12.78 Beams Zone 33-34	5,000	
Wing Terminal Forgings (BS 620-820) Zone 64- 65-35-36	5,000	
Zones 76-77-78	5,000	
Wing Body Bottle Pin Retaining Bolts Zone 64- 65-35-36	3,500	
Wing Body Bottle Pins and Pin Holes Zone 64- 65-35-36	10,000	
Wing Terminal Forgings Zone 76-78	5,000	
Zone 76-78-33-34	7,000	
Leading Edge Internal Structure Zone 81-82-83-84-85-86-87-88	4,000 S	
Main Landing Gear AFT Support Rib External Chord (Beaver Tail) Torque Box Zone 35-36- 84-85	3,000	
Trunnion Support Fitting Bolts and Pin (Torque AFT Trunnion Cap Internal Wrenching Bolts on all Aircraft at 1000 ± 100 hours	10,000	
Wing Trailing Edge Skin and Support Structure Zone 81-82-83-84-85-86-87-88	3,500	
Effective date <u>July 1, 1964</u>		

FIGURE 21. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
BOEING 707/720

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE BOEING 707/720		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Wings, Chapter 57 (continued)</u>		
Fillet Flap Support Beam Attachment to Uplock Support BS 900 - Zone 35-36	5,000	
Walking Beam Supports BS 850 and 860 Zone 35-36	5,000	
Spoilers Zone 82-84-85-86	4,000	S
Main Wing Flap Zones 82-84-85-87	4,000	
Flap Tracks and Track Supports Zone 82-84- 85-87	4,000	
Fillet Flap Zone 84-85	10,000	
Inboard and Outboard Ailerons Zone 81-83 86-88	3,500	
Inboard and Outboard Ailerons Balance Panels Zone 81-83-86-88	3,500	
Inboard and Outboard Aileron Adjustable Weights (Bolted to Balance Panels) Zone 81-83- 86-88	3,500	
Wing Glove Zone 64-65	4,000	S
Beaver Tail Bolts Zone 82-83	4,000	S
Structure under Cover Fillet Splice Plate and Skin Zone 86-88	2,500	
Beaver Tail (X-Ray Skin Beneath) Zone 86-88	4,000	S
Effective date <u>July 1, 1964</u>		

FIGURE 22. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8/F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8/F		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Air Conditioning, Chapter 21</u>	O.C.	
Actuator, Cabin Air Heat Exchanger Door	8,000	
Actuator, Freon Condenser Selector Valve	12,500	
Actuator, Freon Condenser Exhaust Door	7,500	
Actuator, Mixing Valve	10,500	
Actuator, Recirculating & Ventilating Air Selector	7,000	
Amplifier, Mixing Valve Control Unit	O.C.	
Amplifier, Cabin Air Heat Exchanger Control	O.C.	
Amplifier, Freon Temperature Control	O.C.	
Amplifier, Cabin Pressure Control	O.C.	
Bulb, Freon Condenser Thermister	O.C.	
Bulb, Outside Temperature Sensing	O.C.	
Bulb, Cabin Duct Temperature	O.C.	
Bulb, Freon Evaporator Differential Temperature	O.C.	
Blower, Radio Rack Ventilating	5,000	
Condenser, Freon	O.C.	
Controller, Cabin Pressure Rate	8,000	
Door Assembly, Freon Condenser Forward and Aft Exhaust	O.C.	
Drive & Actuator, Cabin Outflow Butterfly & Nozzle	12,500	
Exhaust Assembly, Cabin Air Heat Exchanger	O.C.	
Evaporator, Freon	O.C.	
Fan, Freon Condenser	7,000	
Fan, Cabin Air Recirculating	4,000	
Heat Exchanger, Cabin Air	O.C.	
Horn, Cabin Low Pressure Takeoff Warning	O.C.	
Heater, Cockpit Floor Panel	O.C.	
Indicator, Cabin Air Temperature	O.C.	
Indicator, Freon Superheat & Saturation Temperature	O.C.	
Indicator, Cabin Rate of Climb	10,500	
Indicator, Cabin Altitude & Differential Pressure	10,500	
Indicator, Cabin Compressor RPM	10,500	
Limiters, Pressure Ratio	10,500	
Effective date <u>November 6, 1964</u>		

FIGURE 22. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8/F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8/F		
	Overhaul Period	Inspection & Check Period
<u>Air Conditioning, Chapter 21 continued</u>		
Potentiometer, Manual Temperature Control	O.C.	
Receiver, Freon	O.C.	
Switch, Air Manifold Under Pressure Freon Control	14,000	
Switch, Cabin Turbo Compressor Oil Overtemperature	Comp. OH	
Switches, Miscellaneous	O.C.	
Switch, Freon Condenser Pressure Cutout	O.C.	
Switch, Radio Rack Blower Differential Pressure	14,000	
Switch, Freon Compressor Overheat	Comp. OH	
Switch, Cabin Low Pressure	12,500	
Transmitter, Turbo Compressor	Comp. OH	
Turbo Compressor, Cabin Air	3,500	
Turbo Compressor, Freon	2,500	
Thermister, Freon Evaporator	O.C.	
Transmitter, Freon Turbine RPM	3,500	
Timer, Cabin Low Pressure & Takeoff Warning	14,000	
Valve, Assembly, Cabin Turbo Compressor	O.C.	
Valve, Turbo Compressor Shutoff	10,500	
Valve Assembly, Recirculation	12,000	
Valve, Thermostat Recirculation	10,500	
Valve, Freon Condenser Air Selector	O.C.	
Valve, Condenser Fan Shutoff	8,000	
Valve, Three Port Mixing	10,500	
Valve, Cockpit Air Diverted	14,000	
Valve, Radio Rack Cooling	14,000	
Valve, Recirculating & Ventilating Air Selector	7,000	
Valve, Freon Turbine Regulating	2,500	
Valve, Freon Expansion	O.C.	
Valve, Freon Turbine Shutoff	8,000	
Valve, Radio Rack Venturi By-Pass	7,000	
Valve, Cold Air Pressure Regulator	10,500	
Valve, Cabin Pressure Relief	10,500	
Valve, Cabin Outflow Butterfly	14,000	
Valve, Outflow Nozzle	17,500	
Effective date <u>November 6, 1964</u>		

FIGURE 22. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8/F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8/F		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Auto Pilot, Chapter 22</u>		
Automatic Cutoff	7,500	
Auto Pilot Indicator	10,500	
Auto Pilot Controller	5,000	
Auto Pilot Release Switch	O.C.	
Computer, Flight Control	3,000	
Computer, Yaw Command	5,000	
Computer, Pitch Command	5,000	
Computer, Roll Command	5,000	
Computer, Pressure	5,000	
Gain Calibrator	7,500	
Interlock Rack	7,000	
Linear Accelerometer	O.C.	
Pitot System Cutoff Switch	O.C.	
Radio Coupler	5,000	
Stabilization Computer	7,500	
Stabilization Computer Rack	O.C.	
Servo Amplifier	7,500	
Servo Drive	6,000	
Servo Bracket	O.C.	
Trim Coupler	5,000	
Vertical Gyro	2,500	
<u>Communications, Chapter 23</u>		
May be determined by Assigned Inspector		
<u>Electrical Power, Chapter 24</u>		
Box, Current Differential Transformer	O.C.	
Box-Generator Current Transformer & Fuse	O.C.	
Battery	O.C.	
Constant Speed Drive, 20 KVA	E.O.	
Circuit Breakers	O.C.	
Control, CSD Frequency & Load Controller	3,500	
Disconnect Assembly	E.O.	
External Power Receptacle	O.C.	
External Power Relay	7,000	
Generator, 20 KVA	1,500	
Generator and Bus Tie Relays	3,500	
Indicator, AC & DC Loadmeter	O.C.	
Indicator, AC Frequency	O.C.	
Panel, Frequency Reference	3,500	
Effective date <u>November 6, 1964</u>		

FIGURE 22. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8/F

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	Overhaul <u>Period</u>	Inspection & <u>Check Period</u>
<u>Electrical Power, Chapter 24 continued</u>		
Panel, Bus Protection	O.C.	
Panel, Generator Control	2,000	
Rectifier, Blocking	O.C.	
Relay, AC & DC Monitor	7,000	
Shaft Assembly, Constant Speed Drive	E.O.	
Switches	O.C.	
Transformer, Rectifier External Power Control	O.C.	
Transformer Rectifier	O.C.	
Voltmeter AC, Voltmeter DC	O.C.	
Voltage Regulator	3,500	
<u>Equipment/Furnishings, Chapter 25</u>		
May be determined by Assigned Inspector		
<u>Fire Protection, Chapter 26</u>		
Amplifier, Engine Fire Detection	O.C.	
Bell, Fire Warning	O.C.	
Cable Assembly, Engine Sector Detector Element	O.C.	
Container and Valve Assembly, Fire Extinguisher	12,500	
Detector, Cargo Compartment Overheat	O.C.	
Lamp Assembly, Fire Warning	O.C.	
Switch, Test	O.C.	
Valve Assembly, Double Check Tee	12,500	
Valve, Two Way Direction	12,500	
<u>Flight Controls, Chapter 27</u>		
Actuator, Pitch Trim Compensator	4,000	
Accumulator, Flight Spoiler Hydraulic	15,000	
Bus, Installation Aileron	O.C.	
Cylinder Assembly, Aileron Tab Lockout	14,000	
Control Assembly, Pilot and Copilot Rudder Pedal	O.C.	
Cylinder & Control Valve Assembly Rudder Power	7,000	
Column Assembly, Pilots Control Wheel	O.C.	
Computer, Pitch Trim Compensator	4,000	
Cylinder & Link Assembly, Flap Actuating	14,000	
Effective date <u>November 6, 1964</u>		

FIGURE 22. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8/F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8/F		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Flight Controls, Chapter 27 continued</u>		
Cylinders, Flap Lockout	17,000	
Cylinder Assembly, Spoiler Actuator	14,000	
Cylinder, Valve & Gland Assembly, Flight Spoiler	12,500	
Cylinder, Ground Spoiler Actuating	12,500	
Cylinders, Slot Door Actuating	14,000	
Damper Assembly, Aileron	7,000	
Damper Assembly, Elevator & Rudder	O.C.	
Drive Assembly, Horizontal Stabilizer	O.C.	
Filter Assembly, Aileron Power System	O.C.	
Filter Assembly, Rudder Power System	O.C.	
Filter Assembly, Flight Spoiler Hydraulic System	O.C.	
Heater, Stall Warning	O.C.	
Hose Assembly, Flap Actuating	12,500	
Indicator, Flight Spoiler Hydraulic Pressure	O.C.	
Jack Screw Assembly	14,000	
Lift Transducer	3,500	
Lift Computer	7,000	
Motor & Brake Assembly, Hydraulic Power	10,500	
Motor & Brake Assembly, Horizontal Stabilizer Electric Drive	7,000	
Mechanical Assembly, Flight Spoiler Lateral Control	O.C.	
Mechanism, Slot Door Actuating	O.C.	
Override Assembly, Outboard Ailerons	O.C.	
Pump & Motor Assembly, Flight Spoiler Hydraulic	5,000	
Reservoir Assembly, Flight Spoiler Hydraulic	12,500	
Switch, Rudder & Aileron Hydraulic Power	O.C.	
Spring Assembly, Elevator Load Feel & Centering	14,000	
Shutoff Control Valves, Horizontal Stabilizer Hydraulic System	14,000	
Shaker, Control Column	3,500	
Spring Assembly, Rudder Load & Feel Trim	17,000	
Switch, Spoiler Limit	O.C.	
Effective date <u>November 6, 1964</u>		

FIGURE 22. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8/F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8/F		
	Overhaul Period	Inspection & Check Period
<u>Flight Controls, Chapter 27 continued</u>		
Switch, Slot Door Actuating Light	O.C.	
Tube Assembly, Aileron Bus Torque	16,000	
Transmitter, Flap Position	10,500	
Valve and Cylinder Assembly, Aileron Hydraulic Power	6,000	
Valve Assembly, Aileron & Rudder Shutoff	14,000	
Valve Assembly, Rudder Pressure Reducer	14,000	
Valves, Flap Balance Relief	17,000	
Valve, Wing Flap Control	12,500	
Valve, Flap Thermal Relief	14,000	
Valve, Ground Spoiler Control	12,500	
Valve, Wing Slot Control	14,000	
<u>Fuel System, Chapter 28</u>		
Adapter, Pressure Refueling	O.C.	
Actuator, Fuel Dump Chute	7,500	
Adapter Assembly, Filler Cap	O.C.	
Bulb, Fuel Temperature	O.C.	
Control Unit, Float	7,000	
Chute, Fuel Dump	O.C.	
Cap, Pressure Fuel Servicing	O.C.	
Check Valve	7,000	
Compensator, Fuel Gauge	O.C.	
Drain Valve, Refueling Manifold	O.C.	
Drain Valve, Vent System	7,000	
Filler Cap, Fuel	O.C.	
Housing Assembly, Drip Stick	O.C.	
Indicator, Fuel Quantity	14,000	
Indicator, Fuel Quantity Totalizer	14,000	
Indicator, Fuel Temperature	O.C.	
Pump, Fuel Boost Feed and Transfer	7,000	
Switch, Fuel Dump Control	O.C.	
Switch, Alternate Tank Fill Valve	O.C.	
Switch, Main Tank Fill Valve	O.C.	
Switch, Main Fuel Tank Boost Pump	O.C.	
Switch, Fuel Tank Transfer Pump	O.C.	
Switch, Reservoir Feed Pump Pressure Warning	7,000	
Slip Tube Assembly, Drip Stick	O.C.	
Screen Assembly, Filler Adapter	O.C.	
Scroll, Fuel Boost Pump Feed & Transfer	O.C.	
Effective date <u>November 6, 1964</u>		

FIGURE 22. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8/F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8/F		
	Overhaul Period	Inspection & Check Period
<u>Fuel System, Chapter 28 continued</u>		
Swivel, Fuel Dump	O.C.	
Transmitter, Densitometer	O.C.	
Transmitter, Fuel Quantity	O.C.	
Valve, Fire Wall Shutoff	14,000	
Valve, Fuel Tank Selector	7,000	
Valve, Auxiliary Tank Selector	15,000	
Valve, Crossfeed	15,000	
Valve, Refueling Manifold Shutoff	17,500	
Valve, Tank Fill Control	10,500	
Valve, Fuel Dump	15,000	
Valve, Fuel Tank Sump Drain	O.C.	
Valve, Single Float Level Pilot	7,000	
Valve, Check with Screen Inlet	O.C.	
Valve, Feed Pump Shuttle	7,000	
Valve, Swing Check	O.C.	
<u>Hydraulic Power, Chapter 29</u>		
Accumulator, Hydraulic System	17,500	
Manifold Assembly, Right-Hand Hydraulic Power	O.C.	
Manifold Assembly, Left-Hand Hydraulic Power	O.C.	
Pump, Engine Driven Hydraulic	4,000	
Pump Assembly, Auxiliary Hydraulic	7,000	
Reservoir Assembly, Hydraulic System	O.C.	
Relief Valve, Hydraulic Reservoir	14,000	
Selector Valve, By Pass & Auxiliary Pump	14,000	
Valve Assembly, Reservoir Pressure Aspirator	7,000	
Valve, Auxiliary Pump Selector	14,000	
Valve, Auxiliary Hydraulic System Relief	14,000	
Valve Assembly, System Filter & Relief	14,000	
Valve, Hydraulic Fire Shutoff	14,000	
<u>Ice & Rain Protection, Chapter 30</u>		
Amplifier, Windshield Temperature Control	O.C.	
Amer, Pitot Heater	O.C.	
Heater, PT ₂ Probe	O.C.	
Nacelle Anti Ice & Outer Wing Shutoff Valve	10,500	

Effective date November 6, 1964

FIGURE 22. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8/F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8/F		
	Overhaul Period	Inspection & Check Period
<u>Ice & Rain Protection, Chapter 30 continued</u>		
Probe Ice Detector	O.C.	
Switch, Tail Duct Differential Pressure	17,500	
Switch, Nacelle Lip Pressure	10,000	
Timer, Airfoil Deicing	7,000	
Transformer, Windshield Heat	O.C.	
Valve, Outer Wing & Empennage Deicing	O.C.	
Valve, Wing Vent Scoop Anti-Ice Shutoff	12,500	
Valve, Inner Wing De-Ice	O.C.	
Valve, Empennage Ice Protection Shutoff	10,500	
Valve, Fuselage Air Scoop Anti-Ice Shutoff	10,500	
Valve, Windshield Rain Removal	15,000	
<u>Instruments, Chapter 31</u>		
May be determined by Assigned Inspector		
<u>Landing Gear, Chapter 32</u>		
Axle Nose Gear	12,500	
Accumulator, Nose Wheel Steering	15,000	
Bogie Beam Assembly Including Axles & Pivot Pins	12,500	
Bleeder Valve, Nose Wheel Steering	O.C.	
Box, Anti-Skid Control	3,500	
Cylinder Assembly, Main Gear Actuating	12,500	
Cylinder Assembly, Brake Lockout	12,500	
Cylinder Assembly, Bogie Trim	12,500	
Cylinder Assembly, Main Gear Swivel Lock	12,500	
Check Valves, Restrictor & Orifice	O.C.	
Cylinder Assembly, Main Gear Door Latch	12,500	
Cylinder Assembly, Main Gear Inboard Door Operating	12,500	
Cylinder Assembly, Main Gear Uplatch	12,500	
Cylinder Assembly, Nose Gear Retract	12,500	
Cylinder Assembly, Nose Gear Uplatch	12,500	
Cylinder Assembly, Nose Gear Bungee	12,500	
Cylinder Assembly, Nose Wheel Steering	12,500	
Detector, Skid	3,500	
Emergency Air Brake Bottle	5 Yrs.	
Emergency Air Brake Control	O.C.	
Gland Assembly, Main Gear Retract Cylinder	12,500	
Effective date <u>November 6, 1964</u>		

FIGURE 22. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8/F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8/F		
	Overhaul <u>Period</u>	Inspection & <u>Check Period</u>
<u>Landing Gear, Chapter 32 continued</u>		
Gland Assembly, Main Gear Pivot	12,500	
Gauge, Emergency Air Brake Bottle	O.C.	
Gland Assembly, Nose Gear Upper	12,500	
Gland Assembly, Nose Wheel Steering Swivel	12,500	
Gauge, Nose Wheel Steering Accumulator	15,000	
Gear Lever, Down Limit Switch	7,000	
High Pressure Hose Assemblies	O.C.	
Horn, Landing Gear Warning	17,500	
Indicator, System Brake Pressure	O.C.	
Main Landing Gear Structural Components Including Attachment to Aircraft	12,500	
Manifold, Forward Hydraulic Pressure	12,500	
Manifold, Aft Hydraulic Pressure	12,500	
Manifold Assembly, Aft Brake	12,500	
Main Gear Air Valve	O.C.	
Main Gear Swivel Lock Assembly	12,500	
Main Gear Brake Links & Attachments	12,500	
Main Gear Wheel Assembly	O.C.	
Main Gear Brake Assembly	O.C.	
Main Gear Side Brake Assembly	12,500	
Main Gear Uplatch Assembly	12,500	
Main Gear Doors	O.C.	
Main Gear Door Latching Mechanism	12,500	
Main Gear Downlock Visual Indicator	O.C.	
Nose Gear Shock Strut Assembly	12,500	
Nose Gear Drag & Side Brake Assemblies	12,500	
Nose Gear Wheel Assembly	O.C.	
Nose Gear Torque Arm Assembly	12,500	
Nose Gear Anti-Retract Mechanism	12,500	
Nose Gear Doors	O.C.	
Nose Gear Door Operating Linkage	14,000	
Relays Landing Gear System	7,000	
Switch, Nose Oleo Ground Control	7,000	
Tires, Nose and Main	O.C.	
Transmitter, Emergency Air Brake Pressure	7,000	
Valve Assembly, Trim Cylinder Relief	12,500	
Valve Assembly, Main Gear Door Control	12,500	
Valve Assembly, Main Gear Door Manual Operation	12,500	
Valve Assembly, Main Gear Bungee Shuttle	12,500	
Effective date <u>November 6, 1964</u>		

FIGURE 22. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8/F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8/F		
	Overhaul Period	Inspection & Check Period
<u>Landing Gear, Chapter 32 continued</u>		
Valve Assembly, Bogie Lock	12,500	
Valve Assembly, Nose Gear Control	12,500	
Valve Assembly, Nose Wheel Steering Control	12,500	
Valve Assembly, Nose Wheel Steering Relief	12,500	
Valve, Anti-Skid Control	3,500	
Warning Switches, Gear & Doors	7,000	
Warning Horn Cut-off Switch	O.C.	
<u>Lights, Chapter 33</u>		
May be determined by Assigned Inspector		
<u>Navigation, Chapter 34</u>		
May be determined by Assigned Inspector		
<u>Oxygen System, Chapter 35</u>		
Cylinder, Oxygen, Crew & Passenger System	5 Yrs.	
Door Actuator Check Valve	O.C.	
Outlet, Passenger Oxygen Valve	O.C.	
Outlet, First Aid Valve, Passenger Oxygen	O.C.	
Regulator Assembly, Crew Cylinder Oxygen Pressure	5,000	
Regulator, Crew Oxygen	7,500	
Regulator and Automatic Opening Valve, Passenger Oxygen	5,000	
Regulator, First Aid Oxygen Cylinder	5,000	
Relay, Oxygen Time Delay	5,000	
Switch Oxygen Altitude	7,500	
Valve, First Aid Supply Passenger Oxygen	O.C.	
Valve, Oxygen Surge	5,000	
<u>Pneumatic System, Chapter 36</u>		
Amplifier, Pneumatic Temperature Control	12,500	
Actuator, Bleed Air Heat Exchanger	E.O.	
Bulb, Manifold Air Temperature	O.C.	
Connector, Pneumatic Duct	O.C.	
Door Assembly, Bleed Air Heat Exchanger Exit	O.C.	
Heat Exchanger, Bleed Air	O.C.	
Effective date <u>November 6, 1964</u>		

FIGURE 22. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8/F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8/F		
	Overhaul Period	Inspection & Check Period
<u>Pneumatic System, Chapter 36 continued</u>		
Indicator, Air Supply Temperature	OC	
Relay, Low Pressure Pneumatic	OC	
Switch, Manifold Under Pressure	14,000	
Switch, Manifold Rupture Warning	OC	
Temperature Thermister	OC	
Thermo Switches, Over and Under Temperature	OC	
Valve, Pneumatic Pressure Regulator	EO	
Valve, Bleed Air Pressure Relief	EO	
Valve Assembly, First Spool Bleed Air Shutoff and Check	7,000	
Valve, Pneumatic Fire Shutoff	14,000	
Valve, Pneumatic Crossfeed	7,500	
Valve, Ground Pneumatic Supply	OC	
<u>Doors, Chapter 52</u>		
Cylinder Assembly, Door Snubber	14,000	
Door Assembly, Turbo Compressor Access	OC	
Main Cabin Cargo Door Hydraulic System	OC	
Cylinder Assembly, Main Cabin Door Actuating	OC	
<u>Powerplant General, Chapter 71</u>		
Links, Engine Mount	3EO	
<u>Engine, Chapter 72</u>		
Compressor Section	3,000*	
Turbine Section	2,000*	
<u>Engine Fuel and Control, Chapter 73</u>		
Engine Fuel Filter Element	100	
Fuel & Oil Heat Exchanger	2EO	
Fuel Pump Pressure Warning Switch	OC	
Fuel Boost Pump, Engine Driven	2EO	
Fuel Flow Indicator	3,500	
Fuel Flow Transmitter	EO	
Fuel Pressure Indicator	10,500	
Fuel Pressure Transmitter	7,000	
* Sample one turbine section overhaul at 1800 hours, one compressor section overhaul at 2400 hours, and one compressor section overhaul at 2800 hours.		
Effective date _____		

FIGURE 22. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE - DOUGLAS DC-8/F

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	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Engine Ignition, Chapter 74</u>		
Switch, Ignition Arming	OC	
Switch, Ignition Override	OC	
Switch, Fuel Lever Control	OC	
Timer	7,000	
<u>Engine Air, Chapter 75</u>		
Valve, Assembly, Jet Pump	6,000	
Valve, Accessory Compartment Cooling Shutoff	OC	
<u>Engine Controls, Chapter 76</u>		
Lever, Power Control	OC	
Lever, Fuel Shutoff	OC	
Sector, Engine Power Control	OC	
<u>Engine Indicating, Chapter 77</u>		
Generator, Tachometer	3,500	
Indicator, Engine RPM	7,000	
Indicator, Engine Pressure Ratio	OC	
Indicator, Engine Exhaust Gas Temperature	07,000	
Pickup, PT ₂ Pressure	OC	
Transmitter, Pressure Ratio	3,500	
<u>Exhaust, Reverser & Thrust Brake, Chapter 78</u>		
Aft Nozzle Cowl	EO	
Ejector & Reverser	3,500	
Ejector Operating Mechanism	5,000	
Exhaust Nozzle	EO	
Pneumatic Components Attached to & Related to the Ejector Reverser	3,500	
Retractable Ejector Alternate Air System	OC	
<u>Oil System, Chapter 79</u>		
Actuator, Oil Cooler Exit Door	EO	
Bulb, Oil Temperature	OC	
Cooler, Engine Oil	EO	
Indicator, Constant Speed Drive Oil Temperature	10,000	
Indicator, Engine Oil Pressure	EO	
Indicator, Engine Oil Quantity	7,500	
Indicator, Oil Temperature	10,000	
Oil Tank	2EO	
Effective date _____		

FIGURE 22. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8/F

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	Overhaul Period	Inspection & Check Period
<u>Oil System, Chapter 79 continued</u>		
Switch, Constant Speed Drive Oil Level	7,000	
Switch, Oil Cooler Door	OC	
Switch, Oil Pressure Warning	OC	
Thermostat, Oil Temperature Control	EO	
Transmitter, Enginer Oil Pressure	EO	
Transmitter, Engine Oil Quantity	OC	
Valve, Engine Oil Shutoff		
Valve, Constant Speed Drive Oil Shutoff	OC	
Valve, Oil Temperature Control	OC	
<u>Engine Starting, Chapter 80</u>		
Starter, Engine Air Turbine	EO	
Valve, Starter Air Shutoff	2EO	
<u>Water Injection, Chapter 82</u>		
Adapter, Auxiliary Water Fill	OC	
Cap, Auxiliary Water Fill	OC	
Cell Assembly, Water	OC	
Pump, Water Injection	2EO	
Relay, Water Injection & Fill Control	OC	
Switch, Water Injection Fill & Drain	OC	
Switch, Water Level	OC	
Switch, Water Injection Arming	OC	
Switch, Water Pressure Warning	OC	
Valve, Water Shutoff	12,500	
Valve, Engine Water Line Filling	14,000	
Valve, Compressor Water Injection	14,000	
Valve, Water Drain & Purge	14,000	
Valve, Water Injection Relief	7,000	
Valve, Tank Pressurization & Drain	7,000	
Valve, Pressure Fill	OC	
Valve, Tank Drain	7,000	
Effective date _____		

FIGURE 22. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8/F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8/F			
<u>Structure Inspection Program</u>			
The aircraft structure is divided into zones and a detailed inspection time limitation is listed for each zone. The inspection of the zone shall include all areas of structure, installation of components and appliances unless a specific time limitation is listed otherwise for a particular item.			
E Check -	4000 Hours	Overhaul	Inspection &
D Check -	500 Hours	<u>Period</u>	<u>Check Period</u>
<u>Demountable Powerplant</u>			
Aft Surface of Nose Cowling, Firewall, Engine Control and Accessory Brackets. Zone 1, 2, 3, & 4			D
<u>Wings</u>			
Wing Tip Zone 5 L/R		5E	D
Wing Outboard of Sta. Xrs 727 Zone 6 L/R		5E	
Wing Leading Edge Sta. Xfs 710 to Xw 761 Zone 7 L/R		E	
Wing Leading Edge Sta. Xw 485 to Xfs 710 Zone 8 L/R		E	
No. 1 & 4 Alternate Fuel Tanks Zone 9 L/R		5E	
Wing Trailing Edge Sta. Xw 408 to Xw 761 Aft of Rear Spar Zone 10 L/R		E	Aileron Hinge
Aileron and Tab Zone 11 L/R		E	Brackets & Bolts 4D
			Hinges &
			Attachments 4D
Aileron Leading Edge Balance Weights		2E	
Wing Leading Edge at Outboard Pylon Sta. Xw 454 to Xw 485 Zone 12 L/R		E	
Outboard Pylon, Apron and Nacelle Access Doors Zone 13 L/R		4D	
Top Side of Upper Spar Zone 13 L/R		2E	
Inboard Pylon, Apron and Nacelle Access Doors Zone 14 L/R		4D	
Top Side of Upper Spar Zone 14 L/R		2E	
Wing Leading Edge Sta. Xw 408 to Xw 454 Zone 15 L/R		E	
Wing Leading Edge Sta. Xw 257 to Xw 408 Zone 16 L/R		E	
No. 1 & 4 Main Fuel Tanks Zone 17 L/R		5E	
Wing Trailing Edge from Outboard Auxiliary Spar to Sta. Xw 408 Zone 18 L/R		E	
Main Landing Gear Support Fittings and Auxiliary Spars Zone 19 L/R		2E	
Wing Leading Edge at Inboard Pylon Sta. Xw 223 to Xw 257 Zone 20 L/R		E	
Effective date _____			

FIGURE 22. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8/F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8/F		
	Overhaul <u>Period</u>	Inspection & <u>Check Period</u>
Wing Leading Edge Sta. Xfs 107 to Xw 223 Zone 21 L/R	E	
Wing Leading Edge Sta. Xwo to Xfs 107 External Inspection Zone 22 L/R	E	
Internal Inspection Zone 22 L/R	5E	
No. 2 & 3 Alternate Fuel Tanks Zone 23 L/R	5E	
No. 2 & 3 Main Fuel Tanks Zone 24 L/R	5E	
Outboard Wing Flap Interior Structure Zone 25 L/R	E	
Flap Hinge Support Fittings Zone 25 L/R	2E	
Aft Side of Flap Spar Zone 25 L/R	4E	
Inboard Wing Flap & Links at the Outboard End of the Flap Which Connect to the Inboard End of the Outboard Flap Zone 26 L/R	E	
Flap Hinge Support Fittings and Aft Side of Flap Spar Zone 26 L/R	4D	
Interior of Center Wing Sta. Xcw 0 to Xcw 69.5 (Front to Rear Spar) Zone 27 L/R	5E	
<u>Fuselage</u>		
Radome Zone 51	E	
Fuselage Turbo Compressor Compt. Zone 52	4E	
Navigation Antenna Compt. Zone 53	E	
Nose Gear Wheel Well Zone 54	4E	
Nose Wheel Well Tunnel Zone 55 L/R	4E	
Air Conditioning Accessory Compt. Sta. 248 to 310 Zone 56	E	
Forward Cargo Compartment Sta. 310 to 640 Zone 57	4E	
Forward Cargo Compartment Tunnel Sta. 310 to 640 Zone 57 L/R	4E	
Fuselage Accessory Compartment Sta. 640 to 680 Zone 58	E	
Upper and Lower Front Spar Cap, Forward Face of Front Spar Web, Upper and Lower Front Spar Caps and Splice Plates at Sta. Xcw 0 Zone 58	4E	
Aft Cargo Compartment Sta. 980 to 1340 Zone 59	4E	
Aft Cargo Compartment Tunnel Sta. 980 to 1340 Zone 59 L/R	4E	
Fuselage Belly Compartment Sta. 1337 to Pressure Dome at Sta. 1490 Zone 60	E	
DC-8-50 Effective date _____	E	

FIGURE 22. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8/F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8/F		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Fuselage</u>		
Fuselage Belly Compartment Sta. 1337 to Pressure Panel at Sta. 1566 Zone 60 DC-8-F only	E	
Aft Fuselage Sta. 1490 to 1690 Zone 61 DC-8-50	E	
Aft Fuselage Sta. 1566 to 1690 Zone 61 DC-8-F only	E	
Aft Face and Periphery of Pressure Panel at Fuselage Sta. 1566 Zone 61 DC-8-F only	E	
Fuselage Tail Cone Zone 62	E	
Fuselage Sta. 109 to 123 above Cockpit Floor Zone 63	4E	
Fuselage Cockpit Sta. 123 to 188 Zone 64	4E	
Fuselage Cockpit Sta. 188 to 265 Above Floor Zone 65 L/R	E	
Fuselage Sta. 248 to 109 Between Cockpit Floor and Horizontal Pressure Panel Zone 66	E	
Forward and Aft Galley Areas Sta. 360 to 460 and Sta. 1300 to 1420 R. Side Zone 67	E	
Scuff Plates at Forward and Aft Service Door Jambs. Internal Inspection of Door Jambs, Intercostals and Frames at Fuselage Sta. 395.430, 1338 & 1375. Inspection of Door Hinge Attachments and Door Snubber Attachments to Jambs Zone 67	4E	
Forward and Aft Lavatory Areas Zone 68	4E	
Vertical Stabilizer Front and Center Spar Attachments to Fuselage Longerons, Between Fuselage Sta.'s 1500 & 1566 DC-8-F only	4E	
Upper and Lower Attachments of Aft Pressure Panel Vertical Beam (Center Line-Forward Face of Pressure Panel) Fuselage Sta. 1566 Zone 68 DC-8-F only	4E	
Fuselage Entrance Doors Zone 69	4E	
Fuselage Sta. 680 to 980 Between Bottom of Floor and Top of Wing and Wheel Well Zone 70	4E	
Upper Wing to Fuselage Fillet Zone L/R	4E	
Effective date _____		

FIGURE 22. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8/F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8/F		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Fuselage</u>		
Lower Wing to Fuselage Fillet Sta. 680 to 980 Zone 72 L/R	4E	
Fuselage Less Zones 67 & 68 From Sta. 265 to 1445 Above Cusp Zone 73	4E	
Internal Inspection of Main Cabin Cargo Door Jamb Intercostals and Frames at Fuselage Sta. 370 and 510 Zone 73 DC-8-F only	4E	
Left and Right Main Landing Gear and Wheel Well Zone 74 L/R	4E	
Wheel Well Keel Zone 74 L/R	E	
Left & Right Horizontal Stabilizer Leading Edge Zone 75 L/R	2E	
Forward Face of Stabilizer Front Spar Zone 75 L/R	E	
Left & Right Horizontal Stabilizer Outer Panel Zone 76 L/R	4E	
Horizontal Stabilizer Center Section Zone 77	2E	
Left & Right Elevator & Tabs Zone 78 L/R	E	
Vertical Stabilizer Leading Edge Zone 79	2E	
Vertical Stabilizer Front Spar to Rear Spar Zone 80	2E	
Vertical Stabilizer Tip Zone 81	3E	
Rudder and Tab Zone 82	2E	
Rudder Hinge Fittings and Damper	E	
Horizontal Stabilizer Tip Zone 83 L/R	2E	
Left and Right Aft Fillet Zone 84 L/R	2E	
Effective date _____		

FIGURE 22. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8-61/61F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8-61/61F		
<p>Following are additional items and/or changes to the original Douglas DC-8/F aircraft specification listing which apply to the Douglas DC-8-61/61F aircraft.</p> <p>Zone diagrams for the Douglas DC-8/F are also applicable to Douglas DC-8-61/61F aircraft; however, fuselage stations listed will only apply to the Douglas DC-8/F.</p>		
<u>Air Conditioning, Chapter 21</u>	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
Valve, Fan Unloader	O.C.	D,E
Filter, Recirculating Fan	O.C.	D
Valve, Cold Air Bypass	O.C.	D,E
<u>Electrical Power, Chapter 24</u>		
Constant Speed Drive, 30 KVA	3000	D-Oil Change
<u>Fire Protection, Chapter 26</u>		
* (61F) Pyrotector (Smoke Detector)	O.C.	D,E
Container - Fire Extinguisher	5 yr.	D,E
Cartridge - Dual Squib	4 yr.	D,E
<u>Landing Gear, Chapter 32</u>		
Energy Absorber, Tailskid	O.C.	D
<u>Ice and Rain Protection, Chapter 30</u>		
* Rain Repellent System	O.C.	D
Tail De-icing Timer	O.C.	D,E
<u>Pneumatics, Chapter 36</u>		
Amplifier, Pneumatic Manifold		
Rupture Warning System	O.C.	D,E
Sensing Element - Pneumatic		
Manifold Rupture Warning	O.C.	E
Effective date _____		

FIGURE 22. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8-61/61F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8-61/61F		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Doors, Chapter 52</u>		
(61F) Main Cabin Cargo Door Hydraulic System (Same as 55F)	O.C.	See Note *
(61F) Cylinder Assembly, Main Cabin Cargo Door Actuating	O.C.	See Note *
NOTE:		
* The design of the main cabin cargo door installation is such that in the normally latched and locked position, it can be structurally compared to any fixed portion of the fuselage.		
It is only when the door is actuated open on the ground during cargo loading operations that the heaviest loads are incurred. These loads would be greatest at the upper door hinge and hydraulic actuating cylinder attach points. The door seal would also be subject to damage at this time.		
Thus, door utilization establishes inspection frequency. Under these conditions, Douglas suggests the following procedure for purposes of inspection.		
<ol style="list-style-type: none"> (1) Conduct a general visual area inspection of the upper cargo door hinge attachments, door jamb, door actuating cylinder attachments, door seal and latching mechanism at the scheduled "D" service following use of the aircraft in cargo configuration. (2) If the aircraft is operated solely in the passenger configuration, conduct a general visual area inspection (as above) no later than "E" frequency. 		
Effective date _____		

FIGURE 22. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8-61/61F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8-61/61F			
<u>STRUCTURE INSPECTION PROGRAM</u>			
E Check -	4000 Hours	Overhaul	Inspection &
D Check -	500 Hours	<u>Period</u>	<u>Check Period</u>
<u>Demountable Powerplant</u>			
Aft Surface of Nose Cowl, Firewall, Engine Control and Accessory Brackets, Zone 1, 2, 3 and 4			D
<u>Wings</u>			
Wing Tip, Zone 5 L/R		5E	D
Wing Outboard of Sta. Xrs 727, Zone 6 L/R & Zone 9 L/R		5E	
Wing Leading Edge Sta. Xfs 710 to Xw 761, Zone 7 L/R		E	
Wing Leading Edge Sta. Xw 485 to Xfs 710, Zone 8 L/R		E	
No. 1 & 4 Alternate Fuel Tanks, Zone 9 L/R		5E	
Wing Trailing Edge Sta. Xw 408 to Xw 761 Aft of Rear Spar, Zone 10 L/R		E	Aileron Hinge Brackets and Bolts 4D
Aileron and Tab, Zone 11 L/R		E	Hinges & Attach- ments 4D
Aileron Leading Edge Balance Weights		2E	
Wing Leading Edge at Outboard Pylon Sta. Xw 454 to Xw 485, Zone 12 L/R		E	
Outboard Pylon, Apron and Nacelle Access Doors, Zone 13 L/R		4D	
Top Side of Upper Spar, Zone 13 L/R		2E	
Effective date _____			

FIGURE 22. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8-61/61F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8-61/61F		
<u>STRUCTURE INSPECTION PROGRAM</u>		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Wings (Continued)</u>		
Inboard Pylon, Apron and Nacelle Access Doors, Zone 14 L/R	4D	
Top Side of Upper Spar, Zone 14 L/R	2E	
Wing Leading Edge Sta. Xw 408 to Xw 454, Zone 15 L/R	E	
Wing Leading Edge Sta. Xw 257 to Xw 408, Zone 16 L/R	E	
No. 1 & 4 Main Fuel Tanks, Zone 17 L/R	5E	
Wing Trailing Edge from Outboard Auxiliary Spar to Sta. Xw 408, Zone 18 L/R	E	
Main Landing Gear Support Fittings and Auxiliary Spars, Zone 19 L/R	2E	
Wing Leading Edge at Inboard Pylon Sta. Xw 223 to Xw 257, Zone 20 L/R	E	
Wing Leading Edge Sta. Xfs 107 to Xw 223, Zone 21 L/R	E	
Wing Leading Edge Sta. Xwo to Xfs 107 External Inspection, Zone 22 L/R	E	
Internal Inspection, Zone 22 L/R	5E	
No. 2 & 3 Alternate Fuel Tanks, Zone 23 L/R	5E	
No. 2 & 3 Main Fuel Tanks, Zone 24 L/R	5E	
Outboard Wing Flap Interior Structure, Zone 25 L/R	E	
Flap Hinge Support Fittings, Zone 25 L/R	2E	
Effective date _____		

FIGURE 22. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8-61/61F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8-61/61F		
<u>STRUCTURE INSPECTION PROGRAM</u>		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Wings (Continued)</u>		
Aft Side of Flap Spar, Zone 25 L/R	4E	
Inboard Wing Flap & Links at the Outboard End of the Flap, which Connect to the Inboard End of the Outboard Flap, Zone 26 L/R	E	
Flap Hinge Support Fittings and Aft Side of Flap Spar, Zone 26 L/R	4E	
Interior or Center Wing Sta. Xcw 0 to Xcw 69.5 (Front to Rear Spar), Zone 27 L/R	5E	
<u>Fuselage (All Stations are DC-8-61/61F)</u>		
Radome, Zone 51	E	
Fuselage Turbo Compressor Compt., Zone 52	4E	
Navigation Antenna Compt., Zone 53	E	
Nose Gear Wheel Well, Zone 54	4E	
Nose Wheel Well Tunnel, Zone 55 L/R	4E	
Air Conditioning Accessory Compt. Sta. 8 to 70, Zone 56	E	
Forward Cargo Compartment Sta. 70 to 640, Zone 57	4E	
Forward Cargo Compartment Tunnel Sta. 70 to 640, Zone 57 L/R	4E	
Fuselage Accessory Compartment Sta. 640 to 680, Zone 58	E	
Effective date: _____		

FIGURE 22. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8-61/61F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8-61/61F		
<u>STRUCTURE INSPECTION PROGRAM</u>		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Fuselage (Continued)</u>		
Upper and Lower Front Spar Cap, Forward Face of Front Spar Web Upper and Lower Front Spar Caps and Splice Plates at Sta. Xcw O, Zone 58	4E	
Aft Cargo Compartment Sta. 980 to 1540, Zone 59	4E	
Aft Cargo Compartment Tunnel, Sta. 980 to 1540, Zone 59 L/R	4E	
Fuselage Belly Compartment Sta. 1540 to Pressure Panel at Sta. 1766, Zone 60	E	
Aft Fuselage Sta. 1766 to 1890, Zone 61	E	
Aft Face and Periphery of Pressure Panel at Fuselage Sta. 1766, Zone 61	E	
Fuselage Tail Cone, Zone 62	E	
Fuselage Sta. -131 to -117 above Cockpit Floor, Zone 63	4E	
Fuselage Cockpit Sta. -117 to -52, Zone 64	4E	
Fuselage Cockpit Sta. -52 to 25 above Floor, Zone 65 L/R	E	
Fuselage Sta. 8 to -131 between Cockpit Floor and Horizontal Pressure Panel, Zone 66	E	
Forward and Aft Galley Areas Sta. 360 to 460 and Sta. 1500 to 1620 R. Side, Zone 67	E	
Effective date _____		

FIGURE 22. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8-61/61F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8-61/61F		
<u>STRUCTURE INSPECTION PROGRAM</u>		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Fuselage (Continued)</u>		
Scuff Plates at Forward and Aft Service Door Jambs, Internal Inspection of Door Jambs, Inter-costals and Frames at Fuselage Sta. 395, 430, 1538 and 1575. Inspection of Door Hinge Attachments and Door Snubber Attachments to Jambs, Zone 67	4E	
Forward and Aft Lavatory Area, Zone 68	4E	
Vertical Stabilizer Front and Center Spar Attachments to Fuselage Longerons, between Fuselage Sta's. 1700 and 1766, Zone 68	4E	
Upper and Lower Attachments of Aft Pressure Panel Vertical Beam (Center Line-Forward Face of Pressure Panel) Fuselage Sta. 1766, Zone 68	4E	
Fuselage Entrance Doors, Zone 69	4E	
Cargo Doors, Zone 69	4E	
Exit Doors, All Types, Zone 69	4E	
Fuselage Sta. 680 to 980 between Bottom of Floor and Top of Wing and Wheel Well, Zone 70	4E	
Upper Wing to Fuselage Fillet, Zone 71 L/R	4E	
Lower Wing to Fuselage Fillet Sta. 680 to 980, Zone 72 L/R	4E	
Fuselage Less Zones 67 & 68, from Sta. 25 to 1645 above Cusp., Zone 73	4E	
Effective date _____		

FIGURE 22. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8-61/61F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8-61/61F <u>STRUCTURE INSPECTION PROGRAM</u>		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Fuselage (Continued)</u>		
(61F) Internal Inspection of Main Cabin Cargo Door Jamb Intercostals and Frames at Fuselage Sta. 130 and 270, Zone 73	4E	
Internal Inspection of Type I Emergency Exit Door Jambs, Intercostals and Frames at Approx. Fuselage Sta. 392, 416, 1312 & 1336, Zone 73	4E	
Left and Right Main Landing Gear and Wheel Well, Zone 74 L/R	4E	
Wheel Well Keel, Zone 74 L/R	E	
Left and Right Horizontal Stabilizer Leading Edge, Zone 75 L/R	2E	
Forward Face of Stabilizer Front Spar, Zone 75 L/R	E	
Left and Right Horizontal Stabilizer Outer Panel, Zone 76 L/R	4E	
Horizontal Stabilizer Center Section, Zone 77	2E	
Left and Right Elevator and Tabs, Zone 78 L/R	E	
Vertical Stabilizer Leading Edge, Zone 79	2E	
Vertical Stabilizer Front Spar to Rear Spar, Zone 80	2E	
Effective date _____		

FIGURE 22. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8-61/61F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8-61/61F		
<u>STRUCTURE INSPECTION PROGRAM</u>		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Fuselage (Continued)</u>		
Vertical Stabilizer Tip, Zone 81	3E	
Rudder and Tab, Zone 82	2E	
Rudder Hinge Fittings and Damper	E	
Horizontal Stabilizer Tip, Zone 83 L/R	2E	
Left and Right Aft Fillet, Zone 84 L/R	2E	
Effective date _____		

FEDERAL AVIATION AGENCY
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FIGURE 22. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8/F

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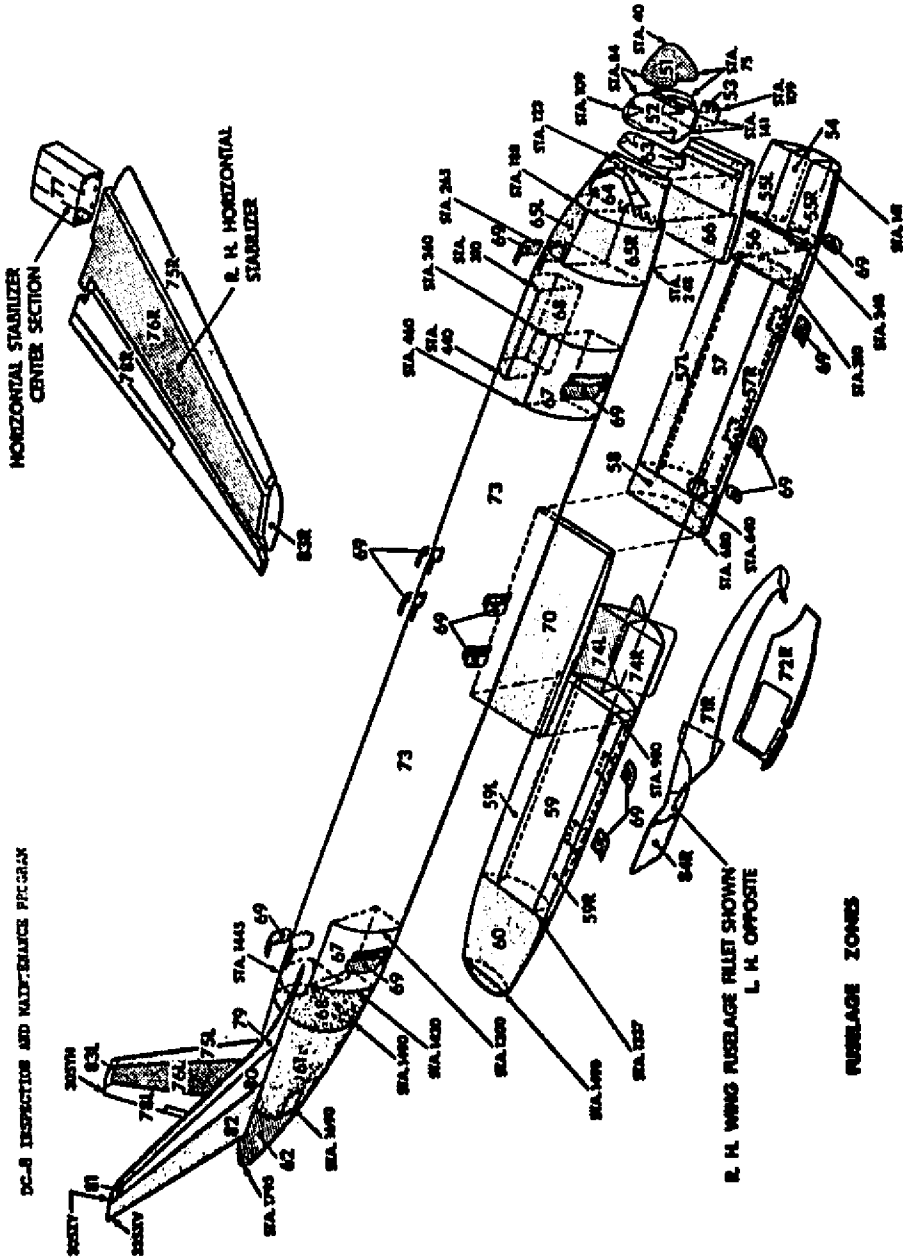


FIGURE 22. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8/F

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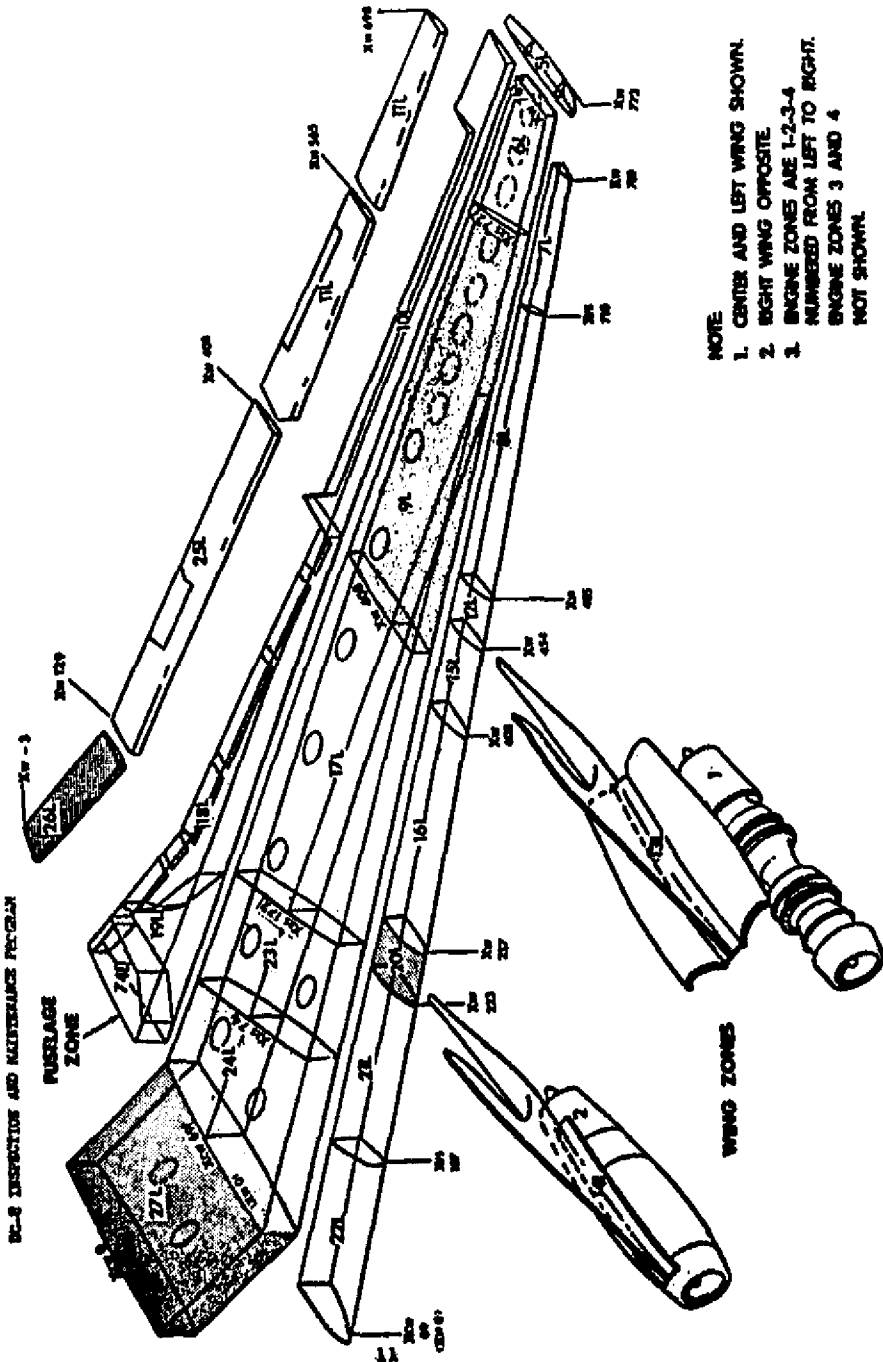


FIGURE 23. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - LOCKHEED MODEL 382

PART D	UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON	Form Approved Budget Bureau No. 04 106A
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED MODEL SERIES 382, 382B, D, E, F & G		
<u>INSPECTION/CHECK REQUIREMENTS</u>		
The basic requirements for performing these inspections and checks are as specified in PART I of Lockheed Service Manual Publication SMP 515, revised June 1, 1970, and subsequent revisions thereto.		
<u>"A" INSPECTION/CHECK</u>		
To be accomplished each service calendar day.		
<u>"B" INSPECTION/CHECK</u>		
To be accomplished at intervals not exceeding 200 hours after the preceding "B" or "C" inspection/check period.		
<u>"C" INSPECTION/CHECK</u>		
To be accomplished at intervals not exceeding 600 hours after the preceding "C" inspection/check period.		
<u>AIRFRAME STRUCTURAL INSPECTIONS</u>		
The frequency and procedure for performing these inspections will be accomplished as specified in PART I and PART III of Lockheed Service Manual Publication SMP 515 revised June 1, 1970, and subsequent revisions thereto.		
<u>"SP" SPECIAL INSPECTIONS</u>		
The frequency and procedure for performing these inspections will be accomplished as specified in PART IV of Lockheed Service Manual Publication SMP 515, revised June 1, 1970, and subsequent revisions thereto.		
Effective date _____		

FIGURE 23. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - LOCKHEED MODEL 382

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OPERATIONS SPECIFICATIONS					
AIRCRAFT MAINTENANCE					
LOCKHEED MODEL SERIES 382, 382B, D, E, F & G					
	Overhaul Period	Inspection & Check Period			
<u>Air Conditioning, Chapter 21</u>	OC	A	B	C	SP
Condenser, Water Separator (Cargo Compt.)	OC			C	
Condenser, Water Separator (Flt. Sta.)	OC			C	
Control Box, Temp. (Cargo Compt.)	OC			C	
Control Box, Temp. (Flt. Sta.)	OC			C	
Controller, Cabin Air Pressure	3,400			C	
Fan, Recirculation	6,300			C	
Heat Exchanger (Cargo Compt.)	OC			C	
Heat Exchanger (Flt. Sta.)	OC			C	
Indicator, Cabin Altitude	12,600			C	
Indicator, Cabin Rate of Climb	12,600			C	
Indicator, Differential Press.	12,600			C	
Separator, Water (Cargo Compt.)	OC			C	
Separator, Water (Flt. Sta.)	OC			C	
Switch, Differential Pressure	1,800			C	
Switch, Emergency Depressurization	OC			C	
Thermostat, Cabin Air Temp.	6,300			C	
Thermostat, Duct Anticipator (Cargo Compt.)	OC			C	
Thermostat, Duct Anticipator (Flt. Sta.)	OC			C	
Turbine, Cooling (Cargo Compt.)	1,800			C	
Turbine, Cooling (Flt. Sta.)	1,800			C	
Valve, Aux. Vent (Cargo Compt.)	12,600			C	
Valve, Aux. Vent (Flt. Sta.)	12,600			C	
Valve, Cargo Floor Heat	12,600			C	
Valve, Cargo Floor Heat Diverter	12,600			C	
Valve, Flow Cont. & Shut-Off (Cargo Compt.)	12,600			C	
Valve, Flow Cont. & Shut-Off (Flt. Sta.)	12,600			C	
Valve, Outflow	6,300			C	
Valve, Safety	OC			C	
Valve, Temp. Cont. (Cargo Compt. Dual Butterfly)	12,600			C	
Valve, Temp. Cont. (Flt. Sta. Dual Butterfly)	12,600			C	
<u>Auto Flight, Chapter 22</u>	OC	A	B	C	2C
Amplifier, Electronic Control, Approach and Nav.	3,400			C	
Amplifier, Electronic Control, Auto Pilot (Main)	3,400			C	
Control, Engage & Approach	6,300			C	
Control, Gyro, Roll & Pitch	3,400			C	
Control, Servo	3,400			C	2C
Control, Trim Tab Adapter	6,300			C	
Controller, Flight	6,300			C	
Drum and Bracket Assembly	OC			C	
Motor and Drive Assembly	6,300			C	
Relay, Servo Engage	6,300			C	
Effective date _____					

FIGURE 23. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - LOCKHEED MODEL 382

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PART D	Page 3 of 12 Pages				
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED MODEL SERIES 382, 382B, D, E, F & G					
	Overhaul Period	Inspection & Check Period			
<u>Communications, Chapter 23</u>	OC	A	B	C	SP
May be determined by assigned inspector					
<u>Electrical Power, Chapter 24</u>	OC	A	B	C	
Battery	OC	A	B	C	
Control Panel, AC	3,400			C	
Frequency Meter	OC			C	
Generator, 20 KVA, ATM Driven	12,600			C	
Generator, 40 KVA, Engine Driven	EO	B	C		
Indicator, Loadmeter (AC)	OC			C	
Indicator, Loadmeter (DC)	OC			C	
Inverter, 250 VA	6,300			C	
Inverter, 2500 VA	6,300			C	
Regulator, Voltage, 20 KVA Generator	12,600			C	
Regulator, Voltage, 40 KVA Generator	3,400			C	
Relay, Battery	OC			C	
Relay, Bus	6,300			C	
Relay, Bus Off (AC)	OC			C	
Relay, Bus Off (DC)	OC			C	
Relay, External Power, AC	OC			C	
Relay, External Power, DC	OC			C	
Relay, Frequency Sensitive	OC			C	
Relay, Generator & Bus Tie (AC)	12,600			C	
Relay, Reverse Current	9,450			C	
Transformer, Instrument	OC			C	
Transformer, Instrument (Engine)	OC			C	
Transformer, Rectifier	OC			C	
Voltmeter, AC	OC			C	
Voltmeter, DC	OC			C	
<u>Equipment & Furnishings, Chapter 25</u>	OC	A	B	C	
Kit, First Aid	OC	A	B	C	
Seat Belts and Harnesses	OC	A	B	C	
Seat, Flight Station, FAA Observer	OC	A	B	C	
Seats, Flight Station	OC	A	B	C	
Effective date _____					

FIGURE 23. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - LOCKHEED MODEL 382

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Digest Bureau No. 61 1076				
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OPERATIONS SPECIFICATIONS						
AIRCRAFT MAINTENANCE						
LOCKHEED MODEL SERIES 382, 382B, D, E, F & G						
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>				
		A	B	C	EC	SP
<u>Fire Protection, Chapter 26</u>						
Amplifier, Control Unit	OO			C		
Amplifier, Control, Smoke Detection	OO			C		
Control Panel, Assembly	OO			C		
Control Relay (Unit)	OO			C		
Extinguisher, Portable	5 Yrs.		B	C		
Flasher, Overheat	OO			C		
Inert Element, Fire Detection	OO			C		
Smoke Detector	OO			C		
Sensing Element, Fire Detection	OO			C	EC	
Sphere Assy., (Agent Container)	5 Yrs.		B	C		
Squib, Fire Extinguisher	OO			C		SP
					(Note 1)	
Valve, Directional	OO			C		
Note 1: Replace at 5 years from date of manufacture.						
<u>Flight Controls, Chapter 27</u>						
	OO	A	B	C		SP
Actuator, Aileron Trim Tab	6,300			C		
Actuator, Elevator Trim Tab	3,400			C		
Actuator, Rudder Trim Tab	6,300			C		
Aileron & Trim Tab Assembly	OO	A	B	C		
Booster Assy. Aileron	8,000		B	C		
Booster Assy. Elevator	8,000		B	C		
Booster Assy. Rudder	8,000		B	C		
Brake, Flap Asymmetry	12,600			C		
Control Column Assembly	12,600			B	C	
Elevator & Trim Tab Assembly	OO	A	B	C		
Gear Box, Wing Flap Jackscrew	6,300		B	C		
Gear Box Assy., Flap Drive	12,600			C		
Indicator, Aileron Trim Tab Position	12,600			C		
Indicator, Elevator Trim Tab Position	12,600			C		
Indicator, Flap Position	12,600			C		
Indicator, Rudder Trim Tab Position	12,600			C		
Motor, Wing Flap Drive	6,300		B	C		
Relay, Trim Tab Control	12,600			C		
Effective date _____						

FIGURE 23. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - LOCKHEED MODEL 382

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 04 1073	
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED MODEL SERIES 382, 382B, D, E, F & G			
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>	
<u>Flight Controls, Chapter 27 continued</u>			
Rudder Pedal Assembly	12,600	B	C
Rudder & Trim Tab Assy.	00	B	C
Screw and Yoke Assy., Flap Jackscrew	00	B	C SP
Screwjack, Elevator Trim Tab	6,300	C	
Shaft, Flexible, Elevator Trim Tab	6,300	C	
Shaft, Flexible, Elevator Trim Tab Actuator	6,300	C	
Switch, Flap Asymmetry	12,600	C	
Switch, Flap Cable Failure Detection	00	C	(Note 1)
Tension Regulator, Cable	00	C	
Transmitter, Flap Position	12,600	C	
Valve, Flap Brake Control	12,600	C	
Valve, Flap Selector	12,600	C	
Valve, Pressure Reducer	00	C	
Valve, Rudder System Relief	00	C	
Wing Flap Assembly	00	A	B C
Note 1: Perform operational check at 6300 hours.			
<u>Fuel System, Chapter 28</u>			
	00	A	B C SP
Indicator, Fuel Quantity	12,600	C	
Indicator, Manifold Fuel Pressure	12,600	C	
Power Supply	00	C	
Pump, Drain (SPR Manifold)	12,600	C	
Pump, Fuel Boost	6,300	C	
Pump, Fuel Jettison	12,600	C	
Relay, Fuel Quantity	00	C	
Switch, Fuel Press. Warning	00	C	
Tank Unit, Fuel Quantity	00	C	
Transmitter, Manifold Fuel Pressure	12,600	C	
Valve, 1-inch Motor Operated Fuel Shut Off	12,600	C	
Valve, Dual Level Control	12,600	C	
Valve, Fuel Dump and Shut-Off	12,600	C	
Valve, Fuel Shut-Off	12,600	C	
Valve, Fuel Tank Vent	12,600	C	
Effective date _____			

FIGURE 23. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - LOCKHEED MODEL 382

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 04 1077			
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OPERATIONS SPECIFICATIONS					
AIRCRAFT MAINTENANCE					
LOCKHEED MODEL SERIES 382, 382B, D, E, F & G					
	Overhaul Period	Inspection & Check Period			
<u>Hydraulic Power, Chapter 29</u>	OC	A	B	C	SP
Accumulator	12,600		B	C	
Filter Assy., High Pressure	OC			C	
Filter Assy., Low Pressure	OC			C	
Filter, Reservoir Vent Line	OC			C	
Heat Exchanger	OC			C	
Indicator, Remote Pressure	12,600			C	
Pump, Auxiliary Elec. Driven	6,300		B	C	
Pump, Engine Driven	EO		B	C	
Pump, Hand	OC			C	
Pump, Suction Boost	3,400		B	C	
Reservoir	OC	A	B	C	
Switch, Low Pressure	OC			C	
Transmitter, Pressure	12,600			C	
Valve, Check	OC			C	
Valve, Firewall Shut-Off	6,300			C	
Valve, Pressure Shut-Off	12,600			C	
Valve, Relief	12,600			C	
Valve, Relief, In-Line	OC			C	
Valve, 9 Ported Manual	6,300			C	
<u>Ice & Rain Protection, Chapter 30</u>	OC	A	B	C	SP
Ammeter, Propeller Anti-Icing	OC			C	
Boot, Propeller Blade Anti-Icing	OC		B	C	
Control Box, NESA	12,600			C	
Converter, Windshield Wiper	12,600		B	C	
Detector, Ice	OC			C	
Duot, Bleed Air	OC			C	
Duot, Wing & Empennage	OC			C	
Ejector, Wing & Empennage Anti-Icing	OC			C	
Indicator, Temperature, Anti-Icing	OC			C	
Interpreter, Ice Detector	OC			C	
Light Assy., Ice Warning	OC			C	
Motor, Windshield Wiper	12,600		B	C	
Relay, Windshield, Anti-Icing	12,600			C	
Switch, Thermal Inlet Duot Anti-Ice	OC			C	
Temperature Bulb	OC			C	
Thermostat, Overheat Warning	OC			C	
Timer, Propeller De-Icing	12,600			C	
Effective date _____					

FIGURE 23. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - LOCKHEED MODEL 382

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED MODEL SERIES 382, 382B, D, E, F & G			
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>	
<u>Ice & Rain Protection, Chapter 30 continued</u>			
Transformer, NESA	OC		C
Valve, Pressure Regulator	12,600		C
Valve, Pressure Relief (Radome)	OC		C
Valve, Wing & Empennage Anti-Icing	OC		C
Window, NESA	OC	B	C
<u>Instruments, Chapter 31</u>			
Accelerometer	OC		C
Accelerometer, Vertical (Flight Recorder)	3,400		C
Amplifier, Servo, Flight Recorder	3,400		C
Clock	OC		C
Control, Flight Recorder	OC		C
Flight Recorder	3,400		C
<u>Landing Gear, Chapter 32</u>			
Accumulator, Brake	12,600		B C SP
Ball Screw Assy., MIG	3,400		B C
Brake Assembly	OC		B C
Control Box, Anti-Skid	6,300		C
Cylinder, NLG Steering	12,600	A B C	
Cylinder, NLG Up-Lock	12,600	A B C	
Cylinder, NLG Drag Strut Actuating	12,600	A B C	
Detector, Anti-Skid	6,300	A B C	(Note 1)
Fuse, Brake, Hydraulic	OC		C
Gear Box Assy., Manual Extension & Retraction MIG	6,300		C
Gear Box Assy., Extension & Retraction, MIG (90°)	12,600		C
Indicator, Position	OC		C
Limit Switch	OC		C
Linkages, Landing Gear Door Actuating	OC	A B C	
Motor, Hydraulic, MIG Actuating	6,300		C
Relay, Touchdown	OC		C
Strut, MIG, Oleo-pneumatic	12,600	A B C	
Strut, NLG, Oleo-pneumatic	12,600	A B C	
Tires, MIG	OC	A B C	
Tires, NLG	OC	A B C	
Torque Strut, MIG	12,600	A B C	
Valve, Brake Anti-Skid	6,300		C
Valve, Control By-Pass, LG	12,600		C
Effective date _____			

FIGURE 23. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - LOCKHEED MODEL 382

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AIRCRAFT MAINTENANCE			
LOCKHEED MODEL SERIES 382, 382B, D, E, F & G			
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>	
<u>Landing Gear, Chapter 32 continued</u>			
Valve, Dual Brake Control	6,300		C
Valve, NLG Emerg. Extension	12,600	A B	C
Valve, NLG Steering Control	6,300		C
Valve, Selector Emer. Brake	12,600		C
Valve, Selector, Landing Gear	12,600		C
Valve, Shuttle	00		C
Valve, Shuttle, NLG	00		C
Wheel, Main Landing Gear	00	A B C	(Note 2)
Wheel, Nose Landing Gear	00	A B C	(Note 2)
Note 1: Inspect at each wheel removal.			
Note 2: Visually inspect at each tire change; perform non-destructive inspection each 5th tire change.			
<u>Lights, Chapter 33</u>			
	00	A B	C
Light Assy., Anti-Collision	00		B C
Light Assy., Dome	00		B C
Light Assy., Instrument Edge	00		B C
Light Assy., Instrument Panel Floor	00		B C
Light Assy., Leading Edge Scanning	00		B C
Light Assy., Navigation	00		B C
Light Assy., Ramp Flood	00		B C
Light Assy., Retractable, Landing	00		B C
Light Assy., Thunderstorm	00		B C
Rheostat	00		B C
Transformer, Instr. Lights	00		C
<u>Navigation, Chapter 34</u>			
	00	A B	C
May be determined by assigned inspector.			
<u>Oxygen, Chapter 35</u>			
	00	A B C	SP
Cylinder Assy., Oxygen	5 Yrs.	A B C	
Cylinder, Portable Oxygen	5 Yrs.	A B C	
Mask, Crew	00	A B C	
Regulator Assy., (Fixed System)	6,300	A B C	
Regulator Assy., Portable System	6,300	C	
Effective date _____			

FIGURE 23. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - LOCKHEED MODEL 382

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED MODEL SERIES 382, 382B, D, E, F & G					
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>			
<u>Pneumatic, Chapter 36</u>	OC	A	B	C	SP
Indicator, Bleed Air Pressure	OC			C	(Note 1)
Valve, Bleed Air Check	OC			C	
Valve, Bleed Air Divider	12,600			C	
Valve, Bleed Air Shut-Off	12,600			C	
Valve, Wing Isolation	12,600			C	
Note 1: Bench Service to insure proper operation and calibration at 12,600 flight hours.					
<u>Auxiliary Power, Chapter 49</u>	OC	A	B	C	SP
Actuator, G.T.C. Door	12,600			C	
Air Turbine Motor	BTI 800*		B	C	
Compressor, Gas Turbine	BTI 1250*		B	C	SP
	or 5,000 Starts				
Fan, ATM	6,300			C	
Indicator, Elapsed Time	OC			C	
Valve, GTC Oil Shut-Off	OC			C	
* Airframe equivalent hours of 6,300 may be used.					
<u>Door System, Chapter 52</u>	OC	A	B	C	
Cylinder, Aft Cargo Door	12,600	A	B	C	
Cylinder, Ramp Actuating	9,450			C	
Cylinder, Ramp Uplock	12,600			C	
Uplock, Aft Cargo Door	12,600			C	
Valve, Ramp Manifold Control	12,600			C	
<u>Fuselage, Chapter 53</u>	See Structural Inspection Program				
<u>Nacelles, Chapter 54</u>	See Structural Inspection Program				
<u>Stabilizers, Chapter 55</u>	See Structural Inspection Program				
<u>Windows, Chapter 56</u>	See Structural Inspection Program				
<u>Wings, Chapter 57</u>	See Structural Inspection Program				
Effective date _____					

FIGURE 23. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - LOCKHEED MODEL 382

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OPERATIONS SPECIFICATIONS					
AIRCRAFT MAINTENANCE					
LOCKHEED MODEL SERIES 382, 382B, D, E, F & G					
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>			
<u>Propeller, Chapter 61</u>	OC	A	B	C	SP
Hub, Dome & Blade Assy., Propeller	4,000	A	B	C	SP (Note 1)
Pump Housing, Propeller	4,000	A	B	C	SP (Note 2)
Relay, Prop., Feathering	12,600			C	
Spinner, Propeller	OC	A	B	C	
Synchrophaser	OC			C	
Trim Control, Manual Phase	OC			C	
Valve Housing, Propeller	4,000*	A	B	C	SP
Note 1: This includes the Spinner Bulkhead.					
Note 2: This includes the NTS Bracket and Anti-Rotation (Drive) Lug.					
* The overhaul period for valve housings serial C8175 and up or having a part number with the suffix P4 or having Hamilton-Standard Service Bulletin No. 36 incorporated is 4,000 hours. For other valve housings the overhaul period is 2,400 hours.					
<u>Power Plant, Chapter 71</u>	OC	A	B	C	EC SP
Cowling	OC	A	B	C	EC
Engine Dynafocal Mounts	OC			C	EC
Fire Seals	OC			C	EC
QEC Cone Mounts	OC			C	EC
QEC Structure	OC			C	EC
<u>Engine, Turboprop, Chapter 72</u>	OC	A	B	C	SP
Engine Compressor Section	5,000	A	B	C	(Note 2)
Reduction Gear Assy.	EO		B	C	
Torquemeter, Assy.	EO		B	C	
Turbine Unit 501-D22	EO	A	B	C	(Note 1)
Turbine Unit 501-D22A	EO	A	B	C	(Note 3)
Note 1: At intervals not to exceed 2,000 hours turbine operating time, perform turbine maintenance inspection in accordance with Allison Publication ARC-2 and replace life limited parts on turbines not modified in accordance with Allison Commercial Engine Bulletin No. 72-1019.					
Note 2: Operators of Allison D-22 engines having an approved engine overhaul period greater than 5,000 hours may have the same approved time for D-22A engines.					
Effective date _____					

FIGURE 23. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - LOCKHEED MODEL 382

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED MODEL SERIES 382, 382B, D, E, F & G		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Engine, Turboprop, Chapter 72 continued</u>	OC	A B C SP
<p>Note 3: At an interval not to exceed 3,000 hours turbine section operating time, perform one hot section inspection in accordance with Allison Publication 4RC-2, Chapter 72-1-0, for 501-D22A series engines. On the basis of satisfactory findings, the interval for this inspection may be increased at the rate of 1,000 hours until it coincides with the currently approved engine overhaul period.</p>		
<u>Engine, Fuel and Control, Chapter 73</u>	OC	A B C
Control, Speed Sensing	2 EO	C
Control, Temperature Datum	OC	C
Control, Unit, Fuel	EO	C
Coordinator	EO	C
Harness, Thermocouple	OC	C
Heater, and Strainer Assy., Eng. Fuel	OC	C
Indicator, Fuel Flow	OC	C (Note)
Pump, Fuel	EO	C
Transmitter, Fuel Flow	2 EO	C
Valve, Temperature Datum Control System	EO	C
Note: Bench check at 2 EO.		
<u>Ignition, Chapter 74</u>	OC	A B C
Exciter	OC	C
Harness Assembly	OC	C
Igniter Plug	OC	C
Relay, Ignition	OC	C
<u>Air, Chapter 75</u>	OC	A B C EC
Duct, Compressor Bleed Air (Engine Mounted)	OC	C EC
Valve, Shut-Off, Inlet Anti-Ice	2 EO	C
Valve, Speed Sensitive	EO	C
<u>Controls, Chapter 76</u>	OC	A B C EC
Power Lever System and Engine Coordinator Controls and Linkages	OC	B C EC
Effective date _____		

FIGURE 23. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - LOCKHEED MODEL 382

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED MODEL SERIES 382, 382B, D, E, F & G		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Indicating, Chapter 77</u>	OC	A B C
Generator, Tachometer	2 EO	C
Indicator, Tachometer	OC	C
Indicator, Torque	OC	C
Indicator, TIT	OC	C
Pickup, Torque	EO	C
<u>Exhaust, Chapter 78</u>	OC	A B C
Clamp, Tail Pipe	OC	A B C
Tail Pipe Assembly	OC	A B C
<u>Oil, Chapter 79</u>	OC	A B C EC
Actuator, Flap, Oil Cooler	2 EO	C
Cooler, Assy. Eng. Oil	OC	C EC
Indicator, Oil Pressure	20,000	C (Note)
Indicator, Oil Quantity	20,000	C (Note)
Indicator, Oil Temperature	20,000	C (Note)
Indicator, Position, Oil Cooler Flap	20,000	C (Note)
Switch Pressure, Oil (95023)	OC	C
Switch Pressure, Oil (95024)	OC	C
Tank, Assy., Eng. Oil	OC	C EC
Tank Unit, Oil Quantity	OC	C EC
Thermostat	OC	C
Transmitter, Oil Pressure	OC	C
Note: Bench check at 10,000 hours.		
<u>Starting, Chapter 80</u>	OC	A B C
Starter	EO	C
Starter, Valve	2 EO	C
Effective date _____		

FIGURE 24. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
CONVAIR CV-880

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 01-1025
OPERATIONS SPECIFICATIONS		
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE CONVAIR CV-880		
	Overhaul Period	Inspection & Check Period
<u>Flight Controls, Chapter 27 (continued)</u>		
Indicators, Stabilizer Position	10,000	
Motor, Electric, Stabilizer Emergency Trim	10,000	
Motor, Electric, Stabilizer Drive	3,000	
Motor, Hydraulic, Stabilizer Trim	10,000	
"Q" - Pat - Rudder Boost Control	6,000	
Relay, Flap Asymmetry Control	10,000	
Relay, Stabilizer, Electric Drive Control	10,000	
Switch, Flap Asymmetry	6,000	
Transmitter, Flap Position	10,000	
Transmitter, Stabilizer Position	10,000	
Valve, Inboard Spoiler	10,000	
Valve, Outboard Spoiler	10,000	
Valve, Rudder and Stabilizer, Check	10,000	
<u>Fuel System, Chapter 28</u>		
Pump, Booster and Transfer	12,500	
Valve, Firewall Fuel Shutoff	10,000	
Valve, Vent 1.50 Inch	10,000	
Valve, Vent 2.00 Inch (w/o pressure relief)	10,000	
Valve, Vent 2.00 Inch (with pressure relief)	10,000	
<u>Hydraulic System, Chapter 29</u>		
Accumulator, Main	12,500	
Accumulator, Main Landing Gear	8,000	
Accumulator, Pump Supply Line	8,000	
Filter, High Pressure	8,000	
Filter, High Pressure (Purolator)	7,500	
Filter, Low Pressure	7,500	
Hydraulic Boost Pump and Motor	7,500	
Hydraulic Pump, Engine Driven V.D.	3,000	
Pump, Electric Auxiliary	2,000	
Transmitter, Pressure	7,500	
Valve, Firewall Shutoff	6,000	
Valve, Firewall Shutoff	6,000	
<u>Ice and Rain Protection, Chapter 30</u>		
Valve, Engine Inlet Duct Lip Anti-Ice Pressure Regulator	12,500	
Valve, Leading Edge Anti-Ice Pressure Regulator and Shutoff	3,000	
Valve, Radome De-Ice Pressure Regulator	3,000	
Valve, Radome De-Ice Suction Relief	3,000	
Valve, Engine Bleed Air Press. Reg. Shutoff	E.O.	
Effective date _____		

FIGURE 24. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
CONVAIR CV-880

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Docket Bureau No. 61 1075
OPERATIONS SPECIFICATIONS		
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE CONVAIR CV-880		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Ice and Rain Protection, Chapter 30</u> (continued)		
Valve, Windshield Rain Rem. Shutoff and Isolation	6,000	
Switch, Anti-Ice Pressure	3,500	
<u>Instruments, Chapter 31</u>		
May be determined by assigned inspector	12,500	
<u>Landing Gear, Chapter 32</u>		
Tire, Main	O.C.	
Tire, Nose	O.C.	
Transmission Mechanism (Anti-skid)	7,500	
Wheel Assembly, Nose and Main	O.C.	
<u>Lights, Chapter 33</u>		
May be determined by assigned inspector	12,500	
<u>Navigation, Chapter 34</u>		
May be determined by assigned inspector	12,500	
<u>Oxygen System, Chapter 35</u>		
Cylinders, Oxygen (Supply)	5 years	
Cylinders, Oxygen, Portable and Equipment	5 years	
Masks, Crew	7,500	
Regulators, Demand, Oxygen Diluter	7,500	
Reducer, Oxygen Pressure	6,000	
Valve, Auto Opening and Continuous Flow Regulator	6,000	
Valve, Oxygen Cylinder	5 years	
<u>Pneumatic System, Chapter 36</u>		
Air Flask, Emergency Brakes	5 years	
Effective date _____		

FIGURE 24. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
CONVAIR CV-880

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 04-1072
OPERATIONS SPECIFICATIONS		
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE CONVAIR CV-880		
	Overhaul Period	Inspection & Check Period
<u>Powerplant General, Chapter 71</u>		
<u>Engine, Chapter 72</u>		
Compressor Section	2,500*	
Turbine Section	1,700*	
*Sample one turbine section at 1500 hours, one compressor section at 2000 hours and one compressor section at 2300 hours.		
<u>Engine Fuel & Control, Chapter 73</u>		
Fuel Control Unit	O.C.	
Fuel Flow Indicator	E.O.	
Fuel Flow Transmitter	3,000	
Fuel Heater	E.O.	
Fuel Pressure Switch	E.O.	
Fuel Pump	E.O.	
<u>Engine Ignition, Chapter 74</u>		
Igniter Plugs	O.C.	
	E.O.	
<u>Engine Air, Chapter 75</u>		
Anti-Icing Valve	O.C.	
Aspirator & Shutoff	E.O.	
Vortex Destroyer	E.O.	
<u>Engine Controls, Chapter 76</u>		
Engine Control Cables	O.C.	
Engine Torque Boxes	E.O.	
Teleflex Cable Conduit	E.O.	
<u>Engine Indicating, Chapter 77</u>		
Amplifier, AVM	O.C.	
Detectors, AVM	5,000	
Generator, Tachometer	5,000	
Indicator, AVM	E.O.	
Indicator, Exhaust Gas Temperature	6,000	
Indicator, Pressure Ratio	8,000	
Indicator, Tachometer	6,000	
Thermocouples and Harness	7,500	
Transmitter, Pressure Ratio	O.C.	
	2,000	
Effective date _____		

FIGURE 24. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
CONVAIR CV-880

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 01-1075
OPERATIONS SPECIFICATIONS		
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE CONVAIR CV-880		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Exhaust System, Chapter 78</u>		
Sound Suppressor	O.C.	
Thrust Reverser	E.O.	
Thrust Reverser Actuator	E.O.	
Thrust Reverser Hydraulic Pump	E.O.	
Thrust Reverser Control Valve	E.O.	
Thrust Reverser Pilot Valve	E.O.	
<u>Oil System, Chapter 79</u>		
Indicator, Engine Oil Pressure	O.C.	
Indicator, Engine Oil Quantity	10,000	
Indicator, Engine Oil Temperature	12,500	
Oil Tank	10,000	
Transmitter, Engine Oil Pressure	E.O.	
Switch, Engine Oil Pressure	7,500	
	12,500	
<u>Engine Starting, Chapter 80</u>		
Air Turbine Engine Starter	O.C.	
Starter Pressure Regulating Valve	E.O.	
	E.O.	

Effective date _____

FIGURE 24. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
CONVAIR CV-880

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 04-R073
OPERATIONS SPECIFICATIONS		
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE CONVAIR CV-880		
<u>Structural Inspection Program</u>		
<p>The aircraft structure is divided into zones and a detailed inspection time limitation is listed for each zone. The inspection of the zone shall include all areas of structure, components, and appliances unless a specific time limitation is listed for a particular item. Sample items are identified with the suffix "S" and will be accomplished on 1/5 of the fleet.</p>		
D Check - 225 hours		
	<u>Zone</u>	<u>Overhaul Period</u>
<u>Doors, Chapter 52</u>		12,500
Nose Wheel Well Access Door #1	2	1,000
Access Doors #12, 13, & 14, Air Compressor, Heat Exchanger, and Cabin Refrigeration	3 & 4	1,000
Access Door #20, Aft Section, Fuselage Sta. 1400 L.H.	7	1,000
Access Door #21, Aft Section, Fuselage Sta. 1538	8	2,500
Access Door #3, Electrical, L.H. & R.H. Fuselage Sta. 221	10	2,500 S
Access Door #4, Electronic Compartment, Fuselage Sta. 289	11	2,500 S
Door #9, Forward Cargo	12	2,500 S
Access Door #16, Hydraulic Compartment, Fuselage Sta. 970	15	2,500 S
Door #17, Aft Cargo	16	2,500 S
Door #6, L.H. Forward Main Entrance	21	2,500 S
Door #7, R.H. Forward Service	21	2,500 S
Door #18, L.H. Aft Main Entrance	23	2,500 S
Door #19, R.H. Aft Service	23	2,500 S
<u>Fuselage, Chapter 53</u>		12,500
Radome, Nose Sta. 100 to 152	1	2,500
Nose Wheel Well, Sta. 152 to 250	2	2,500
Air Conditioning Compartment (Plenum Chamber)	3 & 4	2,500
Tail Section, Sta. 1374 to 1590	7 & 8	2,500 S
Nose Section, Sta. 152 to 250	10	2,500 S
Effective date _____		

FIGURE 24. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
CONVAIR CV-880

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 04-1013	
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE CONVAIR CV-880			
	<u>Zone</u>	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Fuselage, Chapter 53 (continued)</u>			
Electronic - Electrical Compartment, Sta. 250 to 375	11	2,500 S	
Forward Baggage Compartment, Sta. 375 to 603	12	2,500 S	
Water & Misc. Compartment, Sta. 603 to 640	13	2,500 S	
Overwing Compartment	14	2,500 S	
Hydraulic Compartment, Sta. 926 to 1002	15	2,500 S	
Aft Baggage Compartment, Sta. 1002 to 1239	16	2,500 S	
Aft Fuselage - Below Floor, Sta. 1230 to 1374	17	2,500 S	
Cockpit, Sta. 187 to 301	20	2,500 S	
Entrance and Service - Forward	21	2,500 S	
Fuselage - Passenger, Sta. 403 to 1263	22	2,500 S	
Entrance and Service - Rear	23	2,500 S	
Lavatory and Pressure Dome, Sta. 1325 to 1374	24	2,500 S	
<u>Nacelles, Chapter 54</u>		12,500	
Nacelle, #1 Engine	81		D
Nacelle, #2 Engine	82		D
Nacelle, #3 Engine	83		D
Nacelle, #4 Engine	84		D
Pylon, #1 Engine	85	2,500 S	
Pylon, #2 Engine	86	2,500 S	
Pylon, #3 Engine	87	2,500 S	
Pylon, #4 Engine	88	2,500 S	
<u>Stabilizers, Chapter 55</u>		12,500	
Horizontal Stabilizer, Outboard L.H. & R.H.	60 & 65	2,500 S	
Horizontal Stabilizer, Interspar L.H. & R.H.	62 & 63	2,500 S	
Elevator and Tabs	61 & 64	2,500 S	
Vertical Stabilizer including Dorsal Fin and Tip	70 & 71	2,500 S	
Rudder and Tabs	72	2,500 S	
Effective date _____			

FIGURE 24. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
CONVAIR CV-880

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Bulfinch Bureau No. 01 1075	
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE CONVAIR CV-880			
	<u>Zone</u>	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Windows, Chapter 56</u>			
Cockpit - Enclosure Glass	20	2,500 S	
Cabin Windows, Emergency Exit	22	2,500 S	
		12,500	
<u>Wings, Chapter 57</u>			
Wheel Well, Main L.H. & R.H.	5 & 6	2,500 S	
Wing Fillet, Fuselage	9 L & R	2,500 S	
Wing, #1 Aux. Fuel Tank, L.H.	30	2,500 S	
Wing, #4 Aux. Fuel Tank, R.H.	38	2,500 S	
Wing, #1 Main Fuel Tank, L.H.	31	2,500 S	
Wing, #4 Main Fuel Tank, R.H.	37	2,500 S	
Wing, #2 Aux. Fuel Tank, L.H.	32	2,500 S	
Wing, #3 Aux. Fuel Tank, R.H.	36	2,500 S	
Wing, #2 Main Fuel Tank, L.H.	33	2,500 S	
Wing, #3 Main Fuel Tank, R.H.	35	2,500 S	
Wing, Center Tie Box	34	3,000	
Wing Tip, L.H. & R.H.	40 & 47	2,500 S	
Wing Leading Edge, Outboard L.H.	41	2,500 S	
Wing Leading Edge, Outboard R.H.	46	2,500 S	
Wing Leading Edge, Center L.H.	42	2,500 S	
Wing Leading Edge, Center R.H.	45	2,500 S	
Wing Leading Edge, Inboard L.H. & R.H.	43 & 44	2,500 S	
Wing Trailing Edge, L.H. & R.H.	50 & 57	2,500 S	
Flap & Spoiler, Outboard L.H. & R.H.	51 & 56	2,500 S	
Wing, Aileron Area, L.H. & R.H.	52 & 55	2,500 S	
Flap & Spoiler, Inboard L.H. & R.H.	53 & 54	2,500 S	

Effective date _____

FIGURE 24. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
CONVAIR CV-880

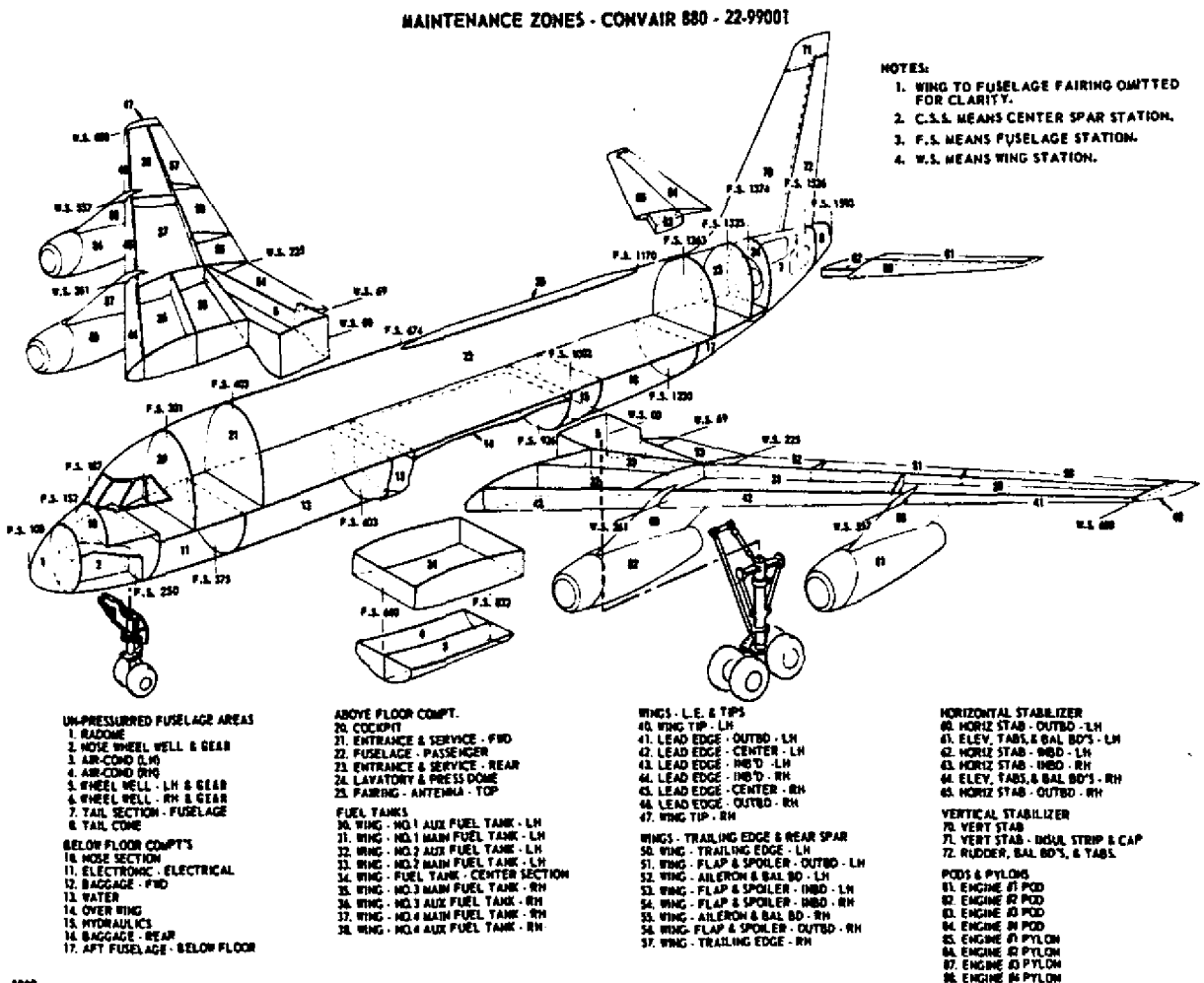


FIGURE 25. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE - FAIRCHILD F-27

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 04-R073
OPERATIONS SPECIFICATIONS		
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE FAIRCHILD F-27		
	Overhaul Period	Inspection & Check Period
<u>Air Conditioning System, Chapter 21</u>	12,000	
Altimeter, Dual Pressure	3,000	
Air Cycle Machine	3,000	
Blower, Cabin (Roots)	2,200	
Circuit - Cabin Temperature Sensing	3,000	
Controller, Cabin Pressure	5,000	
Controller, Cabin Rate	5,000	
Controller, Cabin Temperature	5,000	
Delivery Silencer	10,000	
Fan, Combustion	2,000	
Heater System	3,000	
Indicator, Cabin Blower Pressure	7,500	
Recirculating Fan	1,000	
Transmitter, Cabin Blower Pressure	6,000	
Valve, ACM Turbine Bypass	2,000	
Valve, Spill	3,000	
<u>Auto Pilot, Chapter 22</u>	12,000	
Controller, Altitude	2,000	
Capstan, Primary Servo	2,000	
Capstan, Trim Servo	2,000	
Computer Coupler	2,000	
Followup	2,000	
Servo, Primary	2,000	
Servo, Trim	2,000	
Trim Indicator	4,000	
<u>Communications, Chapter 23</u>	12,000	
May be determined by the assigned inspector		
<u>Electrical Power, Chapter 24</u>	12,000	
Ammeter, D.C.	8,000	
Battery	0.C.	
Circuit Breakers	12,000	
Control Panel A.C.	2,000	
Control Relay D.C.	2,000	
Control, D.C. Generator	1,000	
Generator, D.C.	1,400	
Generator, A.C. Brushless	2,600	
Generator, Emergency A.C.	1,300	
Inverter	1,800	
Power Failure, A.C.	2,000	
Effective date _____		

FIGURE 25. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE - FAIRCHILD F-27

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Docket Number No. 64-1025
OPERATIONS SPECIFICATIONS		
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE FAIRCHILD F-27		
	Overhaul Period	Inspection & Check Period
<u>Electrical Power, Chapter 24 continued</u>		
Relay, Main Contactor	1,000	
Voltmeter, D.C.	7,000	
<u>Equipment and Furnishings, Chapter 25</u>		
Emergency Equipment	12,000 6 Mos.	
<u>Fire Protection, Chapter 26</u>		
Control Box, Fire Detection	12,000 4,000	
Cartridges, Discharge Valve	2 Years	
Cylinders (Water and CO ₂ Hand Extinguisher)	5 Years *	
Weight Check	6 Mos.	
Cylinders (Engine)	5 Years *	
Weight Check	Annual	
* Hydrostatic Test		
<u>Flight Controls, Chapter 27</u>		
Cables System	12,000 O.C.	
Control Surface Assembly	12,000	
Control Interior Structure	12,000	
Control Exterior Covering	12,000	
Control Stick Shaker	2,000	
Flap Transmitter Position and Indicator	5,000	
Flap Actuator	1,000	
Lift Transducer	1,500	
Stall Warning Indicator	1,500	
Switch Assymetry	12,000	
Summing and Relay Unit	O.C.	
Tension Regulator	10,000	
<u>Fuel System, Chapter 28</u>		
Indicator Fuel Quantity and Power Unit	12,000	
Indicator Fuel Quantity Repeater	12,000	
Pump, Fuel Boost	1,200	
Switch, Differential Pressure	6,000	
Switch, Pressure Fuel Warning	6,000	
Tank Unit, 13.41" Fuel Quantity	12,000	
Tank Unit, 20.00" Fuel Quantity	12,000	
Tank Unit, 16.25	12,000	
Valve, Hot Air Gate	3,000	
Valves, Electrical and Manual	12,000	
Effective date _____		

FIGURE 25. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
FAIRCHILD F-27

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 04-107a
OPERATIONS SPECIFICATIONS		
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE FAIRCHILD F-27		
	Overhaul Period	Inspection & Check Period
<u>Ice and Rain Protection, Chapter 30</u>		
Ammeter, Deicing	12,000	
Control Windshield Temperature	8,000	
Control Panel A.C.	3,000	
Deicer Fixed Installation and Lines	3,000	
Deicer Boots	12,000	
Deicing Cycling Timer	O.C.	
Ejector, Deicer Boot Assembly	O.C.	
Gauge, Deicing Suction	5,000	
Gauge, Deicing Pressure	5,000	
Voltmeter A.C.	5,000	
Valve Suction Relief	7,000	
Windshield Wiper Assembly	2,000	
	O.C.	
<u>Instruments, Chapter 31</u>		
May be determined by the assigned inspector	12,000	
<u>Landing Gear, Chapter 32</u>		
Nose Landing Gear Assembly	10,000	
Attach Points	10,000	
Under Carriage Main Gear	10,000	
Drag Strut Main Gear	10,000	
Lock Strut Main Gear	10,000	
Brake Assembly	O.C.	
Anti-skid Device	750	
Cable Nose Gear Retract	O.C.	
Nose Gear Fork	10,000	
Nose Gear Strut	10,000	
Indicator, Landing Gear Position	10,000	
Nose and Main Wheels	O.C.	
Main Gear Retract Strut	5,000	
Uplock Main Gear	5,000	
Nose Gear Actuator	2,000	
Nose Gear Uplock	2,000	
Nose Gear Steering Actuator	1,500	
Valve Steering Shutoff	3,000	
Valve Steering Followup	1,500	
Valves Pressure Reducing	2,500	
Valve, Selector Landing Gear	3,000	
Valve, Selector Solenoid Landing Gear	1,500	
Valve, Brake	1,500	
Valve Brake Emergency	3,000	
Effective date _____		

FIGURE 25. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
FAIRCHILD F-27

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Docket Bureau No. of RIF5.
OPERATIONS SPECIFICATIONS		
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE FAIRCHILD F-27		
	Overhaul Period	Inspection & Check Period
<u>Landing Gear, Chapter 32 continued</u>		
Valve Rapid Exhaust	1,500	
Gearbox Nose Gear Steering	4,000	
Nose Gear Centering Cylinder	1,000	
Nose Gear Air Motor	2,500	
Actuator Main Gear Uplock	6,000	
Actuator Nose Gear Uplock	2,000	
Gauge, Brake Pressure	6,000	
Hydraulic Pressure Relief Valve	5,000	
Hydraulic Pressure Switch	5,000	
Hydraulic Solenoid Valve	5,200	
Hydraulic Pump and Motor	5,000	
Relay Hydraulic Steering	3,000	
Rectifier	O.C.	
<u>Lights, Chapter 33</u>		
May be determined by the assigned inspector	12,000	
<u>Navigation, Chapter 34</u>		
May be determined by the assigned inspector	12,000	
<u>Oxygen, Chapter 35</u>		
May be determined by the assigned inspector	12,000	
<u>Pneumatic System, Chapter 36</u>		
Air Compressor	12,000	
Bottles	1,400	
Inspect for Corrosion	5 Years *	
Chemical Dryer Housing	1 Year	
Gauge, Pneumatic Brake Pressure	4,300	
Gauge, Pneumatic Emergency Pressure	5,000	
Gauge, Primary Pressure	5,000	
Separator, Moisture	5,000	
Switch High Pressure Cutoff	1,500	
* Hydrostatic Test	1,500	
Unloader	1,500	
Valve Pressure Reduction (1000-100)	1,500	
Valve Isolation	3,000	
Valve, Back Pressure	2,000	
Valve Manual Discharge	3,000	
Effective date _____		

FIGURE 25. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
FAIRCHILD F-27

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 04-R075
OPERATIONS SPECIFICATIONS		
PART D	Page 5 of 7 Pages	
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE FAIRCHILD F-27		
	Overhaul Period	Inspection & Check Period
<u>Doors, Chapter 52</u>	12,000	
Doors, Pax and Cargo	6,000	
Emergency Exits	12,000	
Retract Cylinder Cabin Door	5,000	
Valve Pressure Reducing	3,000	
<u>Fuselage, Chapter 53</u>	12,000	
Attach Points	12,000	
Exterior Covering	12,000	
Interior Structure	12,000	
Nose Cap Attach Points	12,000	
Belly Interior Overhaul	6,000	
Belly Interior, Lavatory and Galley	3,600	
<u>Nacelles, Chapter 54</u>	12,000	
Interior Structure	12,000	
Exterior Covering	12,000	
<u>Stabilizers, Chapter 55</u>	12,000	
Dorsal Fin Structure	12,000	
Vertical Stabilizer and Installation	12,000	
Horizontal Stabilizer and Installation	12,000	
<u>Windows, Chapter 56</u>	12,000	
Windshield Assembly and Installation	12,000	
Windows	12,000	
<u>Wings, Chapter 57</u>	12,000	
<u>Outer Section</u>		
Interior Structure	12,000	
Exterior Covering	12,000	
Control Hinge Points	12,000	
Flap Track and Installation	12,000	
<u>Center Section</u>		
Exterior Covering	12,000	
Interior Structure	12,000	
Fuselage Attach Points	12,000	
Flap Tracks and Inst.	12,000	
Cables, Pulleys and Fairleads	O.C.	
Effective date _____		

FIGURE 25. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
FAIRCHILD F-27

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 01-1023
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE FAIRCHILD F-27		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Propellers, Chapter 61</u>		
Propeller	2,600	
Spinner	2,600	
Propeller Control Unit	4,100	
Feathering Pump	4,200	
Alternator Prop Control	1,500	
Corrector Motor	2,000	
Propeller Brake	1,000	
Propeller Controls and Installation	2,600	
<u>Powerplant General, Chapter 71</u>		
Engine Mount	3,000	
Magnaflix	6,000	
Cowling and Installation	3,000	
<u>Engine, Chapter 72</u>		
Air Intake Assembly	3,000	
Engine	3,000 *	
* Sample one hot section inspection at 2000 hours, one engine overhaul at 2400 hours and one engine overhaul at 2700 hours.		
<u>Engine Fuel and Control, Chapter 73</u>		
Fuel Control Unit	3,000	
Fuel Pump	3,000	
Fuel System (Nacelle Forward Firewall)	3,000	
Fuel Trimmer Actuator	3,000	
Indicator, Fuel Flow Dual	5,000	
Indicator, Fuel Pressure Dual	8,000	
Indicator Fuel Trim	7,500	
Transmitter Fuel Pressure	3,800	
Transmitter Fuel Flow	1,900	
Transmitter Fuel Trimmer Position	7,000	
<u>Engine Controls, Chapter 76</u>		
Engine Controls and Installation	3,000	
Cables, Pulleys and Fairleads	O.C.	
Controls (Nacelle Aft Firewall)	12,000	
Pedestal (cockpit)	12,000	
<u>Engine Indicating, Chapter 77</u>		
Generator Tachometer	5,000	
Indicator Tachometer	5,000	
Effective date _____		

FIGURE 25. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
FAIRCHILD F-27

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Bureau No. 01-103
OPERATIONS SPECIFICATIONS		
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE FAIRCHILD F-27		
	Overhaul Period	Inspection & Check Period
<u>Engine Indicating, Chapter 77 continued</u>		
Indicator, Tail Pipe Temperature	7,500	
Indicator, Torque Pressure	7,500	
Transmitter Torque Pressure	3,000	
<u>Exhaust, Chapter 78</u>		
Exhaust Tail Pipe	3,000	
<u>Oil System, Chapter 79</u>		
Oil Radiator and Installation	3,000	
Indicator Oil Pressure Dual	7,500	
Indicator Oil Temperature Dual	5,000	
Switch Oil Pressure Warning	7,000	
Transmitter Oil Pressure	7,000	
<u>Starting, Chapter 80</u>		
Ignition Harness Assembly	3,000	
Igniter	3,000	
Starter	3,000	
Starter Relay	1,500	
<u>Water Injection, Chapter 82</u>		
W/M Tank and Installation	6,000	
W/M Control Unit	3,000	
W/M System (Nacelle Aft Firewall)	6,000	
W/M Pump	3,000	
W/M Filter	600	
W/M Pressure Warning Switch	6,000	
W/M Tank Indicator	5,000	
W/M Valves Electrical and Manual	12,000	
<u>Accessory Gearbox, Chapter 83</u>		
Gearbox	2,200	
Drive Shaft	1,400	
Effective date _____		

FIGURE 26. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
CONVAIR CV-990

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 04-1073
OPERATIONS SPECIFICATIONS		
PART D	Page 1 of 11 Pages	
AIRCRAFT MAINTENANCE CONVAIR CV-990		
	Overhaul Period	Inspection & Check Period
<u>Air Conditioning, Chapter 21</u>	12,500	
Controller, Cabin Pressure	6,000	
Condenser, Conditioned Air Modulating	5,000	
Fan, Electronic Equipment Cooling	6,000	
Fan, Freon Pack Condensor	6,000	
Fan, Recirculating	6,000	
Indicator, Cabin Compartment Air Flow	10,000	
Indicator, Cabin Temperature	10,000	
Indicator, Turbo Compressor Bearing Temperature	10,000	
Indicator, Turbo Compressor RPM	10,000	
Heater, Electric Flight Deck Air	6,000	
Heater, Cabin Air	6,000	
Pack, Freon Refrigeration	5,000	
Sensor, Conditioned Air Temperature	5,000	
Turbo Compressor	3,000	
Valve, Air Turbine Drive Shutoff	5,000	
Valve, Condenser Air Ground Shutoff	10,000	
Valve, Outflow Cabin Pressure	3,000	
Valve, Ram Air Shutoff	10,000	
<u>Auto Pilot, Chapter 22</u>	12,500	
Accelerometer - Linear, Horizontal and Vertical	5,000	
Amplifier, Servo Auto Pilot	5,000	
Computer, Automatic Cutoff	5,000	
Computer, Yaw Command	5,000	
Computer, Pitch Command	5,000	
Computer, Roll Command	5,000	
Computer, Pressure	5,000	
Controller, Auto Pilot	5,000	
Coupler, Trim	5,000	
Drum-Servo Bracket	6,000	
Indicator, Trim	5,000	
Rack Assy., Gain Calibrator & Relay	5,000	
Rack, Stabilization Computer	5,000	
Relay, Trim Valve Solenoid Control & Cockpit	5,000	
Servo & Drive - Aileron & Rudder	6,000	
Servo & Drive - Elevator	6,000	
<u>Communications, Chapter 23</u>	12,500	
May be determined by assigned inspector		
Effective date _____		

FIGURE 26. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
CONVAIR CV-990

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Bulletin Bureau No. 04-1075
OPERATIONS SPECIFICATIONS		
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AIRCRAFT MAINTENANCE CONVAIR CV-990		
	Overhaul Period	Inspection & Check Period
<u>Electrical Power, Chapter 24</u>		
Ammeters, A.C. & DC	12,500	
Battery	10,000	
Constant Speed Drive	O.C.	
Contact, External Power	1,500	
Contact, Line and Bus Tie	10,000	
Contact, Load Reduction	6,000	
Controller, C.S.D. Load	6,000	
Frequency Meter	10,000	
Generator	10,000	
Panel, Control	2,000	
Panel, Sync. Bus Protector	6,000	
Relay, A.C. Monitor, Pilot's Essential Bus	6,000	
Relay, A.C. 28 v. Lighting Transfer	6,000	
Relay, Essential D.C. Bus Connector	6,000	
Relay, Phase Sequence	6,000	
Relay, Power Failure Detector	6,000	
Relay, Reverse Current	6,000	
Relay, Tie Control	6,000	
Relay, Tow Power Contactor Transfer	6,000	
Relay, 28 v. D.C. Battery	6,000	
Static Exciter	6,000	
Transformer - Rectifier - Battery Charger	6,000	
Voltmeters, A.C. & D.C.	10,000	
Wattmeter, A.C.	10,000	
<u>Equipment and Furnishings, Chapter 25</u>		
Evacuation Slides	12,500	
	6 Mos.	
<u>Fire Protection, Chapter 26</u>		
Agent Container & Actuator Assy.	12,500	
Cartridge	5 years	
Control Box, Fire & Overheat Warning	3 years	replace
Alarm Bell	5,000	
Fire Extinguisher - Hard (CO ₂)	5 years	
Fire Extinguisher - Hard (Water)	5 years	
Valve, 3-way	10,000	
<u>Flight Controls, Chapter 27</u>		
Actuator, Flap Control - Inboard & Outboard	12,500	
Actuator, Horizontal Stabilizer Trim	12,500	
Actuator, Inboard and Outboard Spoiler	10,000	
Deactivation	8,000	
Actuator, Leading Edge Flap	10,000	
Actuator, Outboard Spoiler	6,000	
Effective date _____		

FIGURE 26. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
CONVAIR CV-990

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved, Budget Bureau No. 04-8075
OPERATIONS SPECIFICATIONS		
PART D	Page 3 of 11 Pages	
AIRCRAFT MAINTENANCE CONVAIR CV-990		
	Overhaul Period	Inspection & Check Period
<u>Flight Controls, Chapter 27 (continued)</u>		
Amplifier, Speed Stability Augmentation	5,000	
Computer, Mach. Sensor and Transmitter	5,000	
Control Package, Rudder Linkage	10,000	
Control Unit - Horizontal Stabilizer Trim	10,000	
Cylinder, Inboard Spoiler	10,000	
Cylinder, Rudder Power	5,000	
Cylinder, Rudder Tab Locking	10,000	
Damper, Aileron Flutter	5,000	
Damper, Aileron Flight Tab Flutter	5,000	
Damper, Aileron Gust	10,000	
Damper, Elevator Gust	10,000	
Damper, Elevator Flutter	5,000	
Damper, Elevator Flight Tab Flutter	5,000	
Elevator Crossover Tube (Fwd)	12,500	
Flap Asymmetry Unit	8,000	
Jack, Rudder Trim Tab	10,000	
Jack, Rudder Flight Trim Tab	10,000	
Indicator, Flap Position	10,000	
Indicator, Longitudinal Trim Position	10,000	
Motor, Electric, Stabilizer Emer. Trim	10,000	
Motor, Flap Main Drive Gearbox	12,500	
Power Supply - Speed Stability Augmentation	5,000	
Quadrant, Irreversible Aileron Spoiler Control	12,500	
"Q" Cylinder Rudder Feel	12,500	
Restrictors - Leading Edge Flap	12,500	
Spoiler Mixer Installation	12,500	
Switch, Leading Edge Flap Pressure	5,000	
Swivels, Leading Edge Flap Actuator Flex Line	10,000	
Switch, Rudder Hydraulic Pressure	10,000	
Switch, Trim Rate Limit	5,000	
Control, Flap Position	5,000	
Control, Trim Rate Limit	5,000	
Control, Horizontal Stabilizer Trim Control	10,000	
Control, Inboard & Outboard Flap	12,500	
Control Servo	12,500	
Control Check	12,500	
Phase Shutoff	12,500	
Inboard & Outboard Spoiler Servo	12,500	
Leading Edge Flap Control	12,500	
Rudder Servo	10,000	
Power Limiting Relief	10,000	
Shutoff	5,000	

FIGURE 26. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
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AIRCRAFT MAINTENANCE CONVAIR CV-990		
	Overhaul Period	Inspection & Check Period
<u>Flight Controls, Chapter 27 (continued)</u>		
Valve, Rudder Emergency & Auto Pilot Shutoff	10,000	
Valve, Stabilizer Hydraulic Emergency & A/P Shutoff	10,000	
Valve, Stabilizer Trim Control	5,000	
<u>Fuel System, Chapter 28</u>		
Hose, Fire Resistant Flexible	12,500	
Impellor Assy., Pump, Hyd., Boost and Jettison	5,000	
Indicator, Fuel Quantity	10,000	
Indicator, Fuel Temperature	10,000	
Manifold, Center Section Refuel	12,500	
Motor, Hyd., Pump, Boost and Jettison	2,500	
Pump, Electric, Boost & Transfer	10,000	
Valve, Fuel Boost Control	5,000	
Valve, Motor Actuated Crossfeed Gate	5,000	
Valve, Motor Actuated Shutoff Emergency	10,000	
Valve, Shutoff Fuel Jettison	5,000	
Valve, Fuel Boost Control	5,000	
Pump, Wing Tank Jettison	10,000	
<u>Hydraulic System, Chapter 29</u>		
Accumulator, Main	12,500	
Filter, Hydraulic Pump Case Drain Line	8,000	
Filter, Low Pressure, Pump Supply Line	8,000	
Filter, Main System High Pressure	8,000	
Indicator, Hydraulic Pressure	10,000	
Pump, Engine Driven Hydraulic	1,500	
Transmitter, Hydraulic Pressure	8,000	
Valve, Check Relief	10,000	
Valve, Hydraulic Firewall Shutoff	10,000	
Valve, 125 psi Hydraulic Check	5,000	
Pump, Hydraulic Inlet Booster Motor	7,500	
<u>Ice and Rain Protection, Chapter 30</u>		
Actuator, Pneumatic Rain Clearing	12,500	
Ammeter, Empennage De-Ice	6,000	
Controller, Empennage De-Ice	10,000	
Controller, Defog, Sliding Window A/1	8,000	
Controller, Empennage De-Ice	8,000	
Controller, Temperature & De-Fog, Pilot's Aft Window W/1	8,000	
Control Box Assy., Bleed Air Duct Overheat Detector, Wing and Fuselage	8,000	
Control Box, Center Windshield Anti-Ice	5,000	
Control Box, Side Window Anti-Ice Temperature	8,000	
Effective date _____		

FIGURE 26. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
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	Overhaul Period	Inspection & Check Period
<u>Ice and Rain Protection, Chapter 30 (continued)</u>		
Control Box, Structural Anti-Ice Overheat Warning	5,000	
Control Box, Structural Overheat Valve	6,000	
Control Box, Windshield Heat Temperature	8,000	
Detector, Ice Warning, Engine	6,000	
Valve, Anti-Icing Bleed Air Pressure Regulator	5,000	
Valve, Rain Cleaning Actuator Solenoid	6,000	
Valve, Relief, Pressure Differential	6,000	
Valve, Windshield Rain Removal Shutoff	6,000	
<u>Instruments, Chapter 31</u>	12,500	
May be determined by assigned inspector		
<u>Landing Gear, Chapter 32</u>	12,500	
Accumulator, Brake	10,000	
Adjuster Assy., Hydraulic Brake, Nose and Main Gear	5,000	
Bottle, Emergency Air Brake	5 years	
Cylinder, MLG Positioner Assembly	3,000	
Drive Assy., NLG Anti-Skid Detector	7,500	
Indicator, Brake Pressure	10,000	
Lever, Landing Gear Control	10,000	
Solenoid, Lever Lock	5,000	
Switch, MLG Extend Pressure	5,000	
Tires, Nose and Main	O.C.	
Transmitter, Brake Pressure	5,000	
Valve, MLG Emergency Brake Selector	5,000	
Wheel Assy., Nose and Main Gear	8 months	
<u>Lights, Chapter 33</u>	12,500	
May be determined by assigned inspector		
<u>Navigation, Chapter 34</u>	12,500	
May be determined by assigned inspector		
<u>Oxygen System, Chapter 35</u>	12,500	
Cylinder, Oxygen (Supply)	3 years	
Cylinder, Oxygen, Portable and Equipment	30 months	
Masks, Crew	5,000	
Masks, Oxygen (Crew Portable)	7,500	
Regulator, Diluter Demand	6,000	
Valve, Auto Opening & Continuous Flow Regulator	6,000	
Valve, Oxygen Cylinder	5 years	
Valve, Pressure Reducer	6,000	
Effective date _____		

FIGURE 26. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
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UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved Budget Bureau No. 04-2003
OPERATIONS SPECIFICATIONS		
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	Overhaul Period	Inspection & Check Period
<u>Pneumatic, Chapter 36</u>		
Indicator, Bleed Air Pressure	12,500	
Transmitter, Bleed Air Pressure	10,000	
Valve, Bleed Air Pressure Regulator Shutoff	8,000	
	6,000	
<u>Water/Waste, Chapter 38</u>		
Pump, Water System Air Compressor,	12,500	
Valve, Manual Pressure Release	5,000	
Valve, Water System Pressure Relief	5,000	
Valve, Aft Drain	6,000	
Valve, Remote Control (Fwd Drain)	5,000	
Valve, Check, Potable Water System	5,000	
<u>Powerplant General, Chapter 71</u>		
Engine Mounts, Forward and Aft Links and Bolts	O.C.	
	E.O.	
<u>Engine, Chapter 72</u>		
Compressor Section	O.C.	
Turbine Section	2,000*	
	1,500*	
*Sample one turbine section at 1200 hours, one compressor section at 1600 hours, and one compressor section at 1800 hours.		
<u>Engine Fuel and Control, Chapter 73</u>		
Actuator, Inlet Guide Vanes	O.C.	
Control, Engine Fuel	E.O.	
Heater, Fuel	E.O.	
Indicator, Fuel Flow	E.O.	
Pump, Engine Fuel	5,000	
Sensor, Compressor Inlet Temperature	E.O.	
Switch, Fuel Pump Low Pressure Warning	E.O.	
Transmitter, Fuel Flow	12,000	
Valve, Pressurization and Dump	5,000	
	E.O.	
<u>Ignition System, Chapter 74</u>		
Cables	O.C.	
Igniter Plugs	E.O.	
Igniter Unit	500	
	E.O.	
<u>Engine Air, Chapter 75</u>		
Switch, Engine Anti-Icing Air Pressure	O.C.	
Valve, Bleed Air Pressure Regulator and Check	12,000	
Valve, Engine Anti-Icing	6,000	
Valve, Engine Inlet Anti-Icing Pressure Regulator and Shutoff	E.O.	
Effective date _____	3,000	

FIGURE 26. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
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AIRCRAFT MAINTENANCE CONVAIR CV-990		
	Overhaul Period	Inspection & Check Period
<u>Engine Air, Chapter 75 (continued)</u>		
Valve, Engine Anti-Icing	E.O.	
Valve, Shutoff, 1-Inch Bleed Air Ejector	E.O.	
<u>Engine Controls, Chapter 76</u>		
Cable Tension Regulator	O.C.	
Engine Torque Box	10,000	
Pylon Torque Box	E.O.	
QEC Cables and Conduits	5,000	
	E.O.	
<u>Engine Indicating, Chapter 77</u>		
Amplifier, AVM	O.C.	
	5,000	
Detectors, AVM	E.O.	
Generator, Engine Tachometer	E.O.	
Generator, Fan Tachometer	E.O.	
Indicator, AVM	10 months	
Indicator, Engine Pressure Ratio	8,000	
Indicator, Engine Tachometer	7,500	
Indicator, Exhaust Gas Temperature	5,000	
Indicator, Fan Tachometer	7,500	
Transducer, Engine Pressure Ratio	E.O.	
<u>Exhaust System, Chapter 78</u>		
Actuator and Linkage, Thrust Reverser	O.C.	
Blocker Door Assy., Thrust Reverser	E.O.	
Bucket Guard Assy., Thrust Reverser	E.O.	
Interlock Valve, Thrust Reverser	E.O.	
Latch Actuator, Thrust Reverser	E.O.	
Metering Valve, Thrust Reverser	E.O.	
Pump, Thrust Reverser	E.O.	
Selector Valve, Thrust Reverser	E.O.	
<u>Oil System, Chapter 79</u>		
Cooler, Main Oil and Constant Speed Drive	O.C.	
Indicator, Engine Oil Temperature	E.O.	
Indicator, Engine Oil Pressure	10,000	
Indicator, Oil Quantity	10,000	
Oil Tank	6,000	
Tank Unit	E.O.	
Transmitter, Engine Oil Pressure	10,000	
Switch, Low Pressure Warning	8,000	
	12,000	
<u>Engine Starting, Chapter 80</u>		
Starter, Air Turbine	O.C.	
Valve, Starter Air Regulating and Shutoff	3,000	
	3,000	
Effective date _____		

FIGURE 26. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
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OPERATIONS SPECIFICATIONS			
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE CONVAIR CV-990			
<u>Structural Inspection Program</u>			
<p>The aircraft structure is divided into zones and a detailed inspection time limitation is listed for each zone. The inspection of the zone shall include all areas of structure, components, and appliances unless a specific time limit is listed for a particular item. Sample items are identified with the suffix "S" and will be accomplished on 1/5 of the fleet.</p>			
	<u>Zone</u>	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Doors, Chapter 52</u>		12,500	
Electronics Access Door	12	2,500 S	
Forward Baggage Door	13.1	2,500 S	
Rear Baggage Door	15.1 & 15.2	2,500 S	
Forward Entry Door	31.1	2,500 S	
Forward Galley Door	34.1	2,500 S	
Rear Entry Door	43.1	2,500 S	
Rear Galley Door	44.1	2,500 S	
Emergency Exit	36.1 & 37.1	2,500 S	
<u>Fuselage, Chapter 53</u>		12,500	
Radome	1	2,500 S	
Under Wing Bay L.H. & R.H. FS 670-870	3 & 4	5,000	
MLG Well, Inboard Sect. FS 87-964	5.1 & 6.1	12,500	
MLG Well, Outboard Sect.	5.2 & 6.2	5,000	
Under Floor, Nose Sect. FS 187-250	11	2,500 S	
Electronic & Electrical Compartment FS 250-375	12	2,500 S	
Forward Baggage Compartment FS 375-622	13	2,500 S	
Air Conditioning Compartment FS 622-678	14	2,500 S	
Rear Baggage Compartment FS 1040-1344	15	2,500 S	
Under Floor, Aft Sect. FS 1344-1487	16	2,500 S	
Flight Deck & Fwd. of Inst. Panel FS 152-301	20 thru 25	2,500 S	
Control Pedestal	22	2,500 S	
Flight Engineers Station R.H. FS 250-301	24	2,500 S	
Fuselage, Cabin FS 301-1437	31 thru 48	2,500 S	
Forward Entry Area FS 301-375	31	2,500 S	
Lavatory "A" FS 301-341	32	2,500 S	
Lavatory "B" FS 341-384	33	2,500 S	
Effective date _____			

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FIGURE 26. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE CONVAIR CV-990			
	<u>Zone</u>	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Fuselage, Chapter 53 (continued)</u>			
Forward Galley Area FS 384-482	34	2,500 S	
Forward Cabin Area L.H. FS 362-482	35	2,500 S	
Forward Cabin Area R.H. FS 482-964	36	2,500 S	
Forward Cabin Area L.H. FS 482-964	37	2,500 S	
Floor and Seat Tracks		5,000	
Overwing Area Below Floor FS 678-964	39	2,500 S	
Aft Cabin Area L.H. FS 964-1344	41	2,500 S	
Aft Cabin Area R.H. FS 964-1325	42	2,500 S	
Rear Entry Area FS 1344-1422	43	2,500 S	
Rear Galley Area FS 1325-1422	44	2,500 S	
Lavatory "C" & "D" FS 1422-1487	47 & 48	2,500 S	
Aft Fuselage FS 1487-1640	51	2,500 S	
Tail Cone FS 1640-1717	55	2,500 S	
<u>Nacelles/Pylons, Chapter 54</u>			
Pylon, #1 Engine	75	12,500	
Pylon, #2 Engine	76	5,000	
Pylon, #3 Engine	77	5,000	
Pylon, #4 Engine	78	5,000	
<u>Stabilizers, Chapter 55</u>			
Trailing Edge, Horizontal Stabilizer	52.0 & 53.0	12,500	
Trailing Edge, Horizontal Stabilizer	52.1 & 53.1	2,500	
Trailing Edge, Horizontal Stabilizer	52.2 & 53.2	2,500	
Trailing Edge, Horizontal Stabilizer	52.3 & 53.3	5,000	
Trailing Edge, Horizontal Stabilizer	52.4 & 53.4	2,500	
Trailing Edge, Horizontal Stabilizer	52.5 & 53.5	2,500	
Tip, Horizontal Stabilizer	52.6 & 53.6	2,500 S	
Torque Box, Center to Rear Spar	52.7 & 53.7	1,000	
Torque Box, Center to Rear Spar	52.8 & 53.8	2,500 S	
Torque Box, Center to Rear Spar	52.9 & 53.9	1,000	
Torque Box, Center to Rear Spar	52.10 & 53.10	2,500 S	
Torque Box, Front to Center Spar	52.11 & 53.11	5,000	
Torque Box, Front to Center Spar	52.12 & 53.12	2,500 S	
Torque Box, Front to Center Spar	52.13 & 53.13	2,500 S	
Torque Box, Front to Center Spar	52.14 & 53.14	2,500 S	
Leading Edge Stub	52.15 & 53.15	2,500	
Leading Edge, Horizontal Stabilizer	52.16 & 53.16	2,500	
Elevator and Tabs	56.1 & 57.1	2,500 S	
Torque Box, Vertical Fin	54.1	5,000	
Torque Box, Vertical Fin, Center to Rear Spar	54.2	2,500 S	
Effective date _____			

FIGURE 26. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
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AIRCRAFT MAINTENANCE CONVAIR CV-990			
	Zone	Overhaul Period	Inspection & Check Period
<u>Stabilizers, Chapter 55 (continued)</u>			
Torque Box, Vertical Fin, Center to Rear Spar	54.3	2,500	
Torque Box, Vertical Fin, Front to Rear Spar	54.4	2,500 S	
Torque Box, Vertical Fin, Front to Rear Spar	54.5	2,500 S	
Torque Box, Vertical Fin, Front to Rear Spar	54.6	2,500 S	
Trailing Edge, Vertical Fin	54.7	5,000	
Trailing Edge, Vertical Fin	54.8	1,000	
Trailing Edge, Vertical Fin	54.9	5,000	
Trailing Edge, Vertical Fin	54.10	1,000	
Trailing Edge, Vertical Fin	54.11	5,000	
Trailing Edge, Vertical Fin	54.12	1,000	
Trailing Edge, Vertical Fin	54.13	5,000	
Trailing Edge, Vertical Fin	54.14	1,000	
Trailing Edge, Vertical Fin	54.15	5,000	
Trailing Edge, Vertical Fin	54.16	1,000	
Trailing Edge, Vertical Fin	54.17	5,000	
Trailing Edge, Vertical Fin	54.18	1,000	
Trailing Edge, Vertical Fin	54.19	1,000	
Dorsal - Vertical Fin	54.20	5,000	
Leading Edge, Vertical Fin	54.21	2,500	
Tip, Vertical Fin	54.22	2,500 S	
Rudder and Tabs	58.1	2,500 S	
Remove and Inspect Vertical Stabilizer Attach Bolts		5,000	
<u>Windows, Chapter 56</u>			
Cockpit Sliding Windows Mechanism	21 & 23	2,500 S	
Flight Deck Windshields	21, 22, & 23	1,000	
<u>Wings, Chapter 57</u>			
Tip, Wing	61 & 68	12,500	
Leading Edge, Wing, Outboard	62.1 & 67.1	2,500 S	
Leading Edge, Wing, Intermediate	63.1 & 66.1	2,500 S	
Leading Edge, Wing, Inboard	64.2 & 65.2	2,500 S	
Leading Edge, Wing, Stub	64.1 & 65.1	1,000	
Flaps, Leading Edge	1 thru 8	2,500 S	
Fillet, Wing	69.1 & 69.2	2,500 S	
Tank, #1 Main	81.1 thru 81.7	2,500 S	
Tank, #2 Main	82.5 thru 82.8	2,500 S	
Tank, #3 Main	83.5 thru 83.8	2,500 S	
Effective date _____			

FIGURE 26. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
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AIRCRAFT MAINTENANCE CONVAIR CV-990			
	<u>Zone</u>	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Wings, Chapter 57 (continued)</u>			
Tank, #4 Main	84.1 thru 84.7	2,500 S	
Tank, #1 Aux.	85.1 thru 85.6	2,500 S	
Tank, #2 Aux.	82.1 thru 82.4	2,500 S	
Tank, #3 Aux.	83.1 thru 83.4	2,500 S	
Tank, #4 Aux.	89.1 thru 89.6	2,500 S	
Fuel Cell, Wing Center Section	87	2,500 S	
Trailing Edge, Wing, Outboard	91 & 98	2,500 S	
Trailing Edge, Wing, Outboard	92.3 & 97.3	2,500 S	
Trailing Edge, Wing, Outboard	92.4 & 97.4	1,000	
Trailing Edge, Wing, Outboard	92.5 & 97.5	2,500	
Trailing Edge, Wing, Outboard	92.6 & 97.6	1,000	
Trailing Edge, Wing, Outboard	92.7 & 97.7	1,000	
Trailing Edge, Wing, Outboard	92.8 & 97.8	1,000	
Trailing Edge, Wing, Outboard	92.9 & 97.9	2,500	
Trailing Edge, Wing, Intermediate	93.2 & 96.2	1,000	
Trailing Edge, Wing, Intermediate	93.3 & 96.3	2,500	
Trailing Edge, Wing, Intermediate	93.4 & 96.4	1,000	
Trailing Edge, Wing, Intermediate	93.5 & 96.5	1,000	
Trailing Edge, Wing, Intermediate	93.6 & 96.6	2,500	
Trailing Edge, Wing, Intermediate	93.7 & 96.7	1,000	
Trailing Edge, Wing Aileron Balance Bay	93.8 & 96.8	2,500	
Trailing Edge, Wing Aileron Balance Bay	93.9 & 96.9	2,500	
Trailing Edge, Wing Aileron Balance Bay	93.10 & 96.10	2,500	
Trailing Edge, Wing, Inboard	94.3 & 95.3	1,000	
Trailing Edge, Wing, Inboard	94.4 & 95.4	2,500	
Trailing Edge, Wing, Inboard	94.5 & 95.5	1,000	
Trailing Edge, Wing, Inboard	94.6 & 95.6	1,000	
Trailing Edge, Wing, Inboard	94.7 & 95.7	2,500	
Trailing Edge, Wing, Inboard	94.8 & 95.8	1,000	
Flap, Outboard	92.1 & 97.1	2,500 S	
Flap, Inboard	94.1 & 95.1	2,500 S	
Spoiler, Outboard	92.2 & 97.2	2,500 S	
Spoiler, Inboard	94.2 & 95.2	2,500 S	
Aileron	93.1 & 96.1	2,500 S	
Anti-Shock Body, Outboard	100 & 103	2,500 S	
Anti-Shock Body, Inboard	101 & 102	2,500 S	
Effective date _____			

FIGURE 27. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
JET COMMANDER 1121

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON	Form Approved Digest Bureau No. 04-1067
OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE - GENERAL Page 1 of 11 JET COMMANDER 1121	
<p>Thorough checks shall be accomplished in accordance with the applicable procedures as listed in ABC Airlines' Maintenance Manual.</p> <p><u>Preflight</u> (P.F.) shall be accomplished each service calendar day. Inspection shall be in accordance with the applicable procedures listed in ABC Airlines' Maintenance Manual.</p> <p><u>Station Check</u> (S.C.) shall be accomplished at basic intervals of 90 flying hours. Inspection shall be in accordance with applicable procedures listed in ABC Airlines' Maintenance Manual. During initial operation, the basic intervals for station checks will be evaluated in the following manner:</p> <p style="padding-left: 40px;">Ten inspections at 75 hours.*</p> <p><u>Periodic Inspection</u> (P.I.) shall be accomplished at intervals not to exceed 175 flying hours. Inspection shall be in accordance with the applicable procedures listed in ABC Airlines' Maintenance Manual. During initial operation, the basic intervals for periodic inspections will be evaluated in the following manner:</p> <p style="padding-left: 40px;">Five inspections at 150 hours.*</p> <p>*Note - Upon termination of the evaluation period, the assigned FAA maintenance and avionics inspectors will review the maintenance inspection findings and the operating history. If satisfactory, the carrier will be authorized to continue at the time established for the subsequent stage, i.e.,</p> <p style="padding-left: 40px;">Station Check - 90 hours Periodic Inspection - 175 hours</p> <p>Overhaul times as listed in hours and years are maximum limits of whichever occurs first.</p> <p>Aircraft shall not be utilized in air carrier or commercial operations unless:</p> <ol style="list-style-type: none">a. The aircraft and its component parts, accessories, and appliances are maintained in an airworthy condition in accordance with the schedule of maintenance and inspection functions and procedures set forth in the operator's maintenance manual.b. OC "On Condition" items will be maintained in continuous airworthiness condition by periodic and progressive inspections, checks, services, repair and/or preventive maintenance and are appropriately described in the operator's maintenance manual.c. Parts or sub-components, not listed below, will be checked, inspected and/or overhauled at the same time limits specified for the component or accessory to which such parts or sub-components are related. <p>Effective date _____</p>	
Form FAA-1014 (2-6)	

FIGURE 27. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
JET COMMANDER 1121

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE - GENERAL JET COMMANDER 1121		Page 2 of 11
Abbreviations used in the Jet Commander maintenance specifications are defined as follows:		
FC	-	Indicates "Functional Check"
BC	-	Indicates "Bench Check"
EO	-	Indicates "Engine Overhaul"
EC	-	Indicates "Engine Change"
OC	-	Indicates "On Condition"
R&R	-	Indicates "Remove and Replace" in accordance with factory recommendations
HVD	-	Indicates "Hydrostatic Test"
C	-	Indicates "Calibration"
Effective date _____		

FIGURE 27. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
JET COMMANDER 1121

		OVERHAUL		INSPECTION AND CHECK PERIOD			
		HOURS	or YRS.	P.F.	S.C.	P.I.	OTHER
UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON							
Form Approved Budget Bureau No. 04-1075							
OPERATIONS SPECIFICATIONS				Page 3 of 11			
AIRCRAFT MAINTENANCE							
JET COMMANDER 1121							
<u>Air-Conditioning, Chapter 21</u>	10,000	5	X	X	X		
Controller-Cabin Pressure	5,000	2.5			X		
Indicator-Rate of Climb	4,000	2			X	C 2000/lyr	
Indicator-Alt. & Diff. Pressure	4,000	2			X	C 2000/lyr	
Turbine-Cooling	5,000	2.5			X		
Separator-Water	OC				X		
Regulator-Absolute Pressure	5,000	2.5			X	FC 4-PI	
Filter-Cabin Air	OC	--			X	R&R 4-PI	
Valve-Bleed Air Flow Control	4,000	2			X		
Valve-Bleed Air Shutoff	5,000	2.5			X		
Valve-Bleed Air Check	5,000	2.5				4-PI	
Valve-Emer. Air Pressure Regulator Shutoff	5,000	2.5			X	FC 4-PI	
Valve-Outflow	2,000	1			X		
<u>Auto-Pilot, Chapter 22*</u>	10,000	5	X	X	X		
Pedestal Controller	OC				X	BC/C 2,000	
Computer Amplifier	OC				X	BC 1,000	
Servos	2,000	2			X		
Trim Coupler	5,000	2.5			X		
Sensing Unit	2,000	2			X		
Rate Gyro	2,000	2			X		
Emergency Disconnect	5,000	2.5			X		
Altitude Controller	2,000	2			X		
Servo Mount	2,000	2			X		
Vertical Reference	2,000	2			X		
<u>Communications, Chapter 23</u>							
May be determined by assigned inspector.							
* Applies to Collins auto pilot.							
Effective date							

FIGURE 27. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
JET COMMANDER 1121

		OVERHAUL		INSPECTION AND CHECK PERIOD			
		HOURS or YRS.	P.F.	S.C.	P.I.	OTHER	
UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON							
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JET COMMANDER 1121							
<u>Electrical, Chapter 24</u>							
Ammeter, AC	10,000	5	X	X	X		
Ammeter, DC	OC				X	C 2,000	
Volt Meters AC/DC	OC				X	C 2,000	
Battery N/C	OC		X	X	X		
DC Bus & Contactor Box	OC				X	FC 2,500	
AC Control Panel	5,000	2.5			X		
DC Control Panel Regulator	5,000	2.5			X		
AC Converter Regulator	2,000	2			X		
Current Transformers	OC				X		
AC Generator	EO						
DC Starter Generator	EO						
<u>Equipment & Furnishings, Chapter 25</u>							
May be Determined by Assigned Inspector.							
<u>Fire Protection, Chapter 26</u>							
Containers	10,000	5	X	X	X		
Detector Control	OC	5		X	X	HYD 5 Yr.	
Relay	2,000	1			X		
Heat Sensing Units	OC				X		
<u>Flight Controls, Chapter 27</u>							
Speed Brake & Control-Actuator	10,000	5	X	X	X		
Flap Controls-Actuator	2,000	2.5	X	X	X		
Cost Lock and Controls	2,000	2.5	X	X	X		
Stabilizer-Installation	OC		X	X	X		
Flap Torque Tube	10,000	5	X	X	X	Note 1	
Valve-Flap Control	10,000	5	X	X	X	Note 1	
Valve-Speed Brake	10,000	5	X	X	X	Note 1	
Trim Actuators	4,000	2	X	X	X	BC 2,000	
<u>Fuel, Chapter 28</u>							
Cells	10,000	5	X	X	X		
Boost-Pump AC	OC		X	X	X	R&R	
Boost-Pump DC	4,000	2	X	X	X		
Fuel Quantity Indication System	8,000	4	X	X	X	Note 2	
Compensator Fuel Temp.	OC				X	C 1,000	
	OC				X	C 1,000	
Effective date							

FIGURE 27. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
JET COMMANDER 1121

		OVERHAUL		INSPECTION AND CHECK PERIOD			
		HOURS or YRS.		P.F.	S.C.	P.L.	OTHER
UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON							
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<u>Hydraulic, Chapter 29</u>		10,000	5	X	X	X	
Pump Emergency		2,000	2.5	X	X	X	
Pump Engine Driven		EO		X	X	X	
Regulator-Air-Pressure		4,000	4			X	
Valve-Reservoir Relief		4,000	4			X	
Accumulator-Emergency		4,000	4		X	X	
Accumulator-Regulator Primary		4,000	4		X	X	
Filters - Pressure		OC				X	R&R 4-PI
Valve-Thermal Relief-Emergency		4,000	4	X	X	X	
Reservoir Air Filters		OC					Note 3
<u>Ice and Rain, Chapter 30</u>		10,000	5	X	X	X	
Boots		OC	2.5	X	X	X	
Regulator		OC	2.5		X	X	
Valve Distributor		OC	2.5		X	X	
<u>Instruments, Chapter 31</u>		May be Determined by Assigned Inspector.					
<u>Landing Gear, Chapter 32</u>		10,000	5	X	X	X	
Wheels		OC		X	X	X	Zygo wheels ea. tire ch.
Brakes		OC		X	X	X	
Anti-Skid-Control Units		OC	5			X	Spin check at wheel or brake change.
Tires		OC		X	X	X	
Cable-Emergency System		OC				X	FC 4-PI
Bottle-Nitrogen Pressure		OC	5	X	X	X	HYD. 5YR
Doors and Linkage		OC		X	X	X	
Valve Assy. - Power Brake		4,000	2	X	X	X	
<u>Lights, Chapter 33</u>		May be determined by Assigned Inspector.					
<u>Navigation, Chapter 34</u>		Overhaul times may be determined by Assigned Inspector.					
				X	X	X	
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FIGURE 27. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
JET COMMANDER 1121

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	OVERHAUL		INSPECTION AND CHECK PERIOD			
	HOURS	or YRS.	P.F.	S.C.	P.I.	OTHER
<u>Oxygen, Chapter 35</u>	10,000	5	X	X	X	
Cylinders	OC		X	X	X	HYD 5 Yr.
Regulators, Crew	2,500	2	X	X	X	
Passenger regulator control panel	2,500	2	X	X	X	
Masks, Crew	OC		X	X	X	
Masks, Passenger	OC					Drop Test 3-PI
<u>Doors, Chapter 52</u>	10,000	5	X	X	X	
Locking mechanism and pins	10,000	5				Note 1
<u>Fuselage, Chapter 53</u>	10,000	5	X	X	X	
Connection of bottom frame carry thru structure between floor beams, FS 104 thru FS 270 - Z line .50	10,000	5				Note 4 .
Fuselage splice attachment in "J" stringers, Z line 65 and FS 105.78	10,000	5				Note 4
Splice at top of frames FS 105, FS 134.78 and FS 163.65, Z line 65	10,000	5				Note 4
Splice at inner caps at lower centerline. FS 105, FS134.78 and FS 163.65, Z line 10.5	10,000	5				Note 4
Escape hatch retention blocks. FS 196 and FS 216. -Z lines 32.45 and 59.45	10,000	5				500 hrs. or 6 mo.
Seat brace support. R/H side, FS 141 to FS 158. R/H and L/H sides FS 163 thru FS 259. Z line 10.5	10,000	5				Note 4
Clips connecting window line fuselage frames to adjacent fuselage frame. R/H side FS 134.78, R/H and L/H side FS 163.65 thru FS 250 - Z lines 38.75 and 56.25	10,000	5				Note 4

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FIGURE 27. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
JET COMMANDER 1121

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	OVERHAUL		INSPECTION AND CHECK PERIOD		
	HOURS	or YRS.	P.F.	S.C.	P.I. OTHER
<u>Fuselage, Chapter 53 (Cont.)</u>					
Window frames connecting to fuselage frames R/H side FS 134.73, R/H and L/H side FS 163.65 thru FS 250. Z lines 38.75 and 56.25.	10,000	5			Note 4
Splice bolts through pork chop fittings and members spanning floor beams. FS 196 and FS 216. -Z lines 1 and 9.	10,000	5			Note 4
Control idler attachments between floor beams in forward fuselage and supported on frames in aft fuselage. FS 76 thru FS 87, FS 125 thru FS 150, FS 196 thru FS 223, FS 259 thru FS 269, FS 317 thru FS 328. Z line 10.5	10,000	5			Note 4
Aft pressure bulkhead mold line "U" cap channel used for skin splice. FS 269.87	5,000	5			
"J" stringer attachment at pressure bulkhead FS 269.87 Z line 65.	10,000	5			Note 4
Center fuel separation panel floor to lower wing FS 270 to FS 316, Z lines 10.5 thru 38.	5,000	5			
Angles to connect centerfuel separation panel to pressure bulkhead. FS 270, Z lines 10.5 thru 38.	5,000	5			
Angle under wing rear spar FS 316, Z line 38.	5,000	5			
Lower floor beam cap carry through fittings FS 270 and FS 316. Z line - 10.5.	10,000	5			Note 4
Effective date _____					

FIGURE 27. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
JET COMMANDER 1121

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	OVERHAUL HOURS or YRS.	INSPECTION AND CHECK PERIOD					
		P.F.	S.C.	P.I.	OTHER		
<u>Fuselage, Chapter 53 (Cont.)</u>							
Engine nacelle mount yoke to fuselage attachments FS 404 and FS 419	10,000 5					EC	
<u>Nacelle/Pylons, Chapter 54</u>	10,000 5	X	X	X			
Engine mount structure (including nacelle internal skins) NS 47.83 thru 102.58	10,000 5			X		EC	
Engine attach bolts	OC			X		EC Magnaflux	
<u>Stabilizers, Chapter 55</u>	10,000 5	X	X	X			
Elevator hinge bolts	10,000 5	X	X	X		Note 5	
Elevator spar, external and internal	10,000 5		X	X		Note 6	
Elevator ribs	10,000 5		X	X		Note 6	
Elevator balance weights	10,000 5			X		2500 hrs or 2.5 yrs.	
Horizontal stabilizer front spar and ribs	10,000 5		X	X		Note 6	
Horizontal trim actuator bolts	OC			X		Note 8	
Forward surface of forward spar, vertical stabilizer	10,000 5					Note 1	
Rudder hinge bolts	10,000 5	X	X	X		Note 5	
Rudder balance weights	10,000 5			X		2500 hrs or 2.5 yrs.	
Rudder tab hinge pin	10,000 5	X	X	X		Note 4	
Rudder tab balance weight	10,000 5			X		2500 hrs or 2.5 yr	
Forward surface of forward rudder spar	10,000 5			X		2500 hrs or 2.5 yrs.	
Effective date _____							

FIGURE 27 . OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
JET COMMANDER 1121

		OVERHAUL		INSPECTION AND CHECK PERIOD			
		HOURS or YRS.		P.F.	S.C.	P.I.	OTHER
<u>Windows, Chapter 56</u>		10,000	5	X	X	X	
All Glass		OC		X	X	X	Note 7
<u>Wing, Chapter 57</u>		10,000	5	X	X	X	
Wing to fuselage attachments, WS 33		10,000	5				Note 4
57 Spar - rear side		10,000	5				Note 4
Front spar, main		10,000	5				Note 4
Dagger fittings WS 0 WS 62 and WS 93		10,000	5				Note 4
Rib, Center WS 0		10,000	5				Note 4
Ribs - WS 33 thru WS 247		10,000	5				Note 4
Stringers		10,000	5				Note 4
Rear spar, main		10,000	5				Note 4
Front spar splice, WS 15 RH side upper, WS 15 LH side lower		10,000	5				Note 4
Rear spar splice, WS 10 LH side upper, WS 10 RH side lower		10,000	5				Note 4
Flap hinge pin		2,500	2.5	X	X	X	
Aileron hinge bolts		10,000	5	X	X	X	Note 8
Aileron tab hinge pin		10,000	5	X	X	X	Note 4
Aileron and tab balance weights		10,000	5			X	Note 4
<u>Engine, Chapter 72</u>							
CJ 610-1		1,000		X	X	X	Hot section 500 hrs Note 9

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FIGURE 27. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
JET COMMANDER 1121

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	OVERHAUL HOURS or YRS.	INSPECTION AND CHECK PERIOD			
		P.F.	S.C.	P.I.	OTHER
<u>Engine Fuel and Control, Chapter 73</u>	EO		X	X	
<u>Ignition, Chapter 74</u>	EO		X	X	
Ignitor plug	OC				Note 7
<u>Engine Controls, Chapter 76</u>	OC	X	X	X	EO
<u>Engine Indicating, Chapter 77</u>	EO		X	X	
Tachometer, Generator	EO		X	X	
Exhaust Temperature Thermo- couples	EO		X	X	
Exhaust Pressure Ratio Trans- ducer	EO		X	X	
Fuel Flow Transmitter	EO		X	X	
Oil Pressure Transmitter	EO		X	X	
Fuel Pressure Transmitter	EO		X	X	
<u>Exhaust, Chapter 78</u>	OC	X	X	X	
Tail cone	EO	X	X	X	
<u>Oil, Chapter 79</u>	EO			X	
Oil tank	EO			X	
Oil pump	EO			X	
<u>Starting, Chapter 80</u>	EO			X	
Starter-Generator	(See Chapter 24)				
Note 1	Sample 1/3 of fleet at 2,500, 5,000 and 7,500 hours.				
Note 2	Sample 1/3 of fleet at 4,000 and 6,000 hours.				
Note 3	Inspect 1/3 of fleet at 2nd and 4th Periodic Inspection. If found satisfactory, increase time between inspections to each 8th Periodic Inspection.				
Effective date _____					

FIGURE 27. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
JET COMMANDER 1121

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Note 4	Inspect at 5,000 hours or 2.5 years.	
Note 5	Inspect and magnaflux center bolt at 1,000 and 5,000 hours.	
Note 6	Xray 1/3 of fleet at 1,000, 3,000 and 5,000 hours.	
Note 7	Inspect, repair and/or replace in accordance with factory recommendations.	
Note 8	Inspect and magnaflux at intervals of 2,500 hours or 2.5 years.	
Note 9	Serialized engines listed in CJ 610 Service Bulletin No. 9 require a combustion liner change at 400 hours unless Service Bulletin No. 9, Service Bulletin No. 47 or subsequent revisions are incorporated.	
Effective date _____		

FIGURE 28. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8-62/62F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8-62/62F		
<p>Following are additional items and/or changes to the original Douglas DC-8/F aircraft specification listing which apply to the Douglas DC-8-62/62F aircraft.</p> <p>Zone diagrams for the Douglas DC-8/F are also applicable to Douglas DC-8-62/62F aircraft; however, fuselage stations listed will only apply to the Douglas DC-8/F.</p>		
<u>Air Conditioning, Chapter 21</u>	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
Valve, Cold Air Bypass	O.C.	D,E
<u>Electrical Power, Chapter 24</u>		
Constant Speed Drive, 30 KVA	3000	D-Oil Change
Generator, 30 KVA	5000	B,D-Oil Level Check
Panel, Voltage Regulator and Generator Control	O.C.	F/C @ E
Cooler, Air/Oil CSD	E.O.	D
<u>Fire Protection, Chapter 26</u>		
(62F) Pyrotector (Smoke Detector)	O.C.	A,B,D,E
Container - Fire Extinguisher	5 yr.	B,D,E
Cartridge - Dual Squib	4 yr.	B,D,E
<u>Flight Controls, Chapter 27</u>		
Cylinder and Control Valve Rudder Power	2E	D
<u>Fuel, Chapter 28</u>		
Pump, Residual Fuel Scavenge Center Wing	O.C.	D - F/C @ E
Heater, Sump, Center Wing	O.C.	D - F/C @ E
Valve, Fuel Scavenge Selector Center Wing	O.C.	D - F/C @ E
<u>Ice and Rain System, Chapter 30</u>		
Rain Repellant System	O.C.	A,B,D
Tail De-icing	O.C.	D,E
Effective date _____		

FIGURE 28. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8-62/62F

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<u>Landing Gear, Chapter 32</u>	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
Limiter, Brake Fluid Quantity	12,500	D
Bogie Beam, Main Landing Gear, Non Swivel	12,500	D
Valve, Nose Wheel Steering Bypass	12,500	D
<u>Pneumatic, Chapter 36</u>		
Heat Exchanger, Bleed Air	O.C.	D - E.C.
Valve, Bleed Air Temperature Control	O.C.	D - F/C @ E
Valve, 16th Stage Shut-off	O.C.	D - F/C @ E.O.
Valve, 12th Stage Check	O.C.	D - F/C @ E.O.
Amplifier, Pneumatic Manifold Rupture Warning	O.C.	D, E
Sensing Element, Pneumatic Manifold Rupture Warning	O.C.	E
<u>Doors, Chapter 52</u>		
(62F) Main Cabin Cargo Door Hydraulic System	O.C.	See NOTE *
(62F) Cylinder Assembly, Main Cabin Cargo Door Actuating	O.C.	See NOTE *
NOTE:		
* The design of the main cabin cargo door installation is such that in the normally latched and locked position, it can be structurally compared to any fixed portion of the fuselage.		
It is only when the door is actuated open on the ground during cargo loading operations that the heaviest loads are incurred. These loads would be greatest at the upper door hinge and hydraulic actuating cylinder attach points. The door seal would also be subject to damage at this time.		
Thus, door utilization established inspection frequency. Under these conditions, Douglas suggests the following procedure for purposes of inspection: (1) Conduct a general visual area inspection of the upper cargo door hinge attachments, door jamb, door actuating cylinder attachments, door seal and latching mechanism at the scheduled "D" service following use of the aircraft in cargo configuration. (2) If the aircraft is operated solely in the passenger configuration, conduct a general visual area inspection (as above) no later than "E" frequency.		
Effective date _____		

FIGURE 28. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8-62/62F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8-62/62F		
<u>Powerplant, Chapter 71</u>	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
Nose Cowl and Fan Duct Attach., Fireseal, Engine Mounts, Control and Accessory Brackets	Engine Change	D
<u>Engine Air, Chapter 75</u>		
Valve, Engine Nose Cowl Anti-ice Shut-off	O.C.	D - F/C @ E.O.
<u>Thrust Reverser, Chapter 78</u>		
Thrust Reverser Assembly	O.C.	B,D (X-Ray Reverser Structure, on Aircraft at B Frequency)
Pump Assembly, Electric Driven	5000	D
Accumulator	16,000	D
Cylinder, Thrust Reverser Actuator	12,000	D
Valve, Thrust Reverser Control	12,000	D
Cylinder, Stow Latch, Thrust Reverser	12,000	D
Filter Assembly	O.C.	E
Effective date _____		

FIGURE 28. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8-62/62F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8-62/62F			
<u>STRUCTURE INSPECTION PROGRAM</u>			
E Check -	4000 Hours	Overhaul	Inspection &
D Check -	500 Hours	<u>Period</u>	<u>Check Period</u>
<u>Wings</u>			
	Wing Tip, Zone 5 L/R	5E	D
	Wing Outboard of Sta. Xw 408, Zone 9 L/R & Zone 6 L/R	5E	
	Wing Leading Edge Sta. Xfs. 710 to Xw 736 Cant, Zone 7 L/R	E	
	Wing Leading Edge Sta. Xw 485 to Xfs. 710, Zone 8 L/R	E	
*	No. 1 & 4 Alternate Fuel Tanks, Zone 9 L/R and Zone 6 L/R	5E	E-Sample One Tank Per Aircraft
	Wing Trailing Edge Sta. Xw 408 to Xw 736 Cant, Aft of Rear Spar, Zone 10 L/R	E	Aileron Hinge Brackets and Bolts 4D
	Aileron and Tab, Zone 11 L/R	E	Hinges & Attach- ments 4D
	Aileron Leading Edge Balance Weights	2E	
	Wing Leading Edge at Outboard Pylon Sta. Xfs. 526 to Xw 485, Zone 12 L/R	E	
	Outboard Pylon, Apron and Nacelle Access Doors, Zone 13 L/R	E	2D
*	Pylon Upper Spar and Pylon Leading Edge attachments, Zone 13 L/R	E	2D
Effective date _____			

FIGURE 28. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8-62/62F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8-62/62F <u>STRUCTURE INSPECTION PROGRAM</u>		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Wings (Continued)</u>		
* Pylon to Wing Front Spar and Pylon to Wing Attachments, Zone 13 L/R	E	2D
Inboard Pylon, Apron and Nacelle Access Doors, Zone 14 L/R	E	2D
* Pylon Upper Spar and Pylon Leading Edge Attachments, Zone 14 L/R	E	2D
* Pylon to Wing Front Spar and Pylon to Wing Attachments, Zone 14 L/R	E	2D
Wing Leading Edge Sta. Xw 408 to Xfs. 526, Zone 15 L/R	E	
Wing Leading Edge Sta. Xw 257 to Xw 408, Zone 16 L/R	E	
* No. 1 & 4 Main Fuel Tanks, Zone 17 L/R	5E	E-Sample One Tank Per Aircraft
Wing Trailing Edge from Outboard Auxiliary Spar to Sta. Xw 408, Zone 18 L/R	E	
Main Landing Gear Support Fittings and Auxiliary Spars, Zone 19 L/R	2E	
Wing Leading Edge at Inboard Pylon Sta. Xfs. 250 to Xw 257, Zone 20 L/R	E	
Wing Leading Edge Sta. Xw0 to Xfs. 207, Zone 21 L/R & 22 L/R External Inspection	E	
Wing Leading Edge Xfs Sta. 207 to Xs 250, Zone 20 & Zone 21 External Inspection	E	
Wing Leading Edge Xfs Sta. 207 to Xs 250, Zone 20 & Zone 21 Including Forward Face of Wing Front Spar, as visible.	E	
Effective date _____		

FIGURE 28. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8-62/62F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8-62/62F		
<u>STRUCTURE INSPECTION PROGRAM</u>		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Wings (Continued)</u>		
Leading Edge Fuel Tanks, Zone 21 L/R and Zone 22 L/R	5E	
No. 2 and 3 Main and Alternate Fuel Tanks, Zone 23 L/R and Zone 24 L/R	5E	
Outboard Wing Flap Interior Structure, Zone 25 L/R	3E	
Flap Hinge Support Fittings, Zone 25 L/R	2E	
Aft Side of Flap Spar, Zone 25 L/R	4E	
Inboard Wing Flap & Links at the Outboard End of the Flap, which Connect to the Inboard End of the Outboard Flap, Zone 26 L/R	E	
Flap Hinge Support Fittings and Aft Side of Flap Spar, Zone 26 L/R	4E	
Interior of Center Wing Sta. Xcw 0 to Xcw 69.5 (Front to Rear Spar, Zone 27 L/R	5E	
NOTE:		
* Specified times for items identified by (*) applicable to all operators until satisfactory service experience accumulated.		
<u>Fuselage (All Stations are DC-8-62/62F)</u>		
Radome, Zone 51	E	
Effective date _____		

FIGURE 28. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8-62/62F

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<u>STRUCTURE INSPECTION PROGRAM</u>		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Fuselage (Continued)</u>		
Fuselage Turbo Compressor Compartment, Zone 52	4E	
Navigation Antenna Compart- ment, Zone 53	4E	
Nose Gear Wheel Well, Zone 54	4E	
Nose Wheel Well Tunnel, Zone 55, L/R	4E	
Air Conditioning Accessory Compartment, Sta. 208 to 270, Zone 56	E	
Forward Cargo Compartment, Sta. 270 to 640, Zone 57	4E	
Forward Cargo Compartment Tunnel Sta. 270 to 640, Zone 57 L/R	4E	
Fuselage Accessory Compartment Sta. 640 to 680, Zone 58	E	
Upper and Lower Front Spar Cap, Forward Face of Front Spar Web Upper and Lower Front Spar Caps and Splice Plates at Sta. Xcw O, Zone 58	4E	
Aft Cargo Compartment Sta. 980 to 1380, Zone 59	4E	
Aft Cargo Compartment Tunnel, Sta. 980 to 1380, Zone 59 L/R	4E	
Fuselage Belly Compartment Sta. 1380 to Pressure Panel at Sta. 1606, Zone 60	E	
Effective date _____		

FIGURE 28. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8-62/62F

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	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Fuselage (Continued)</u>		
Aft Fuselage Sta. 1606 to 1730, Zone 61	E	
Aft Face and Periphery of Pressure Panel at Fuselage Sta. 1606, Zone 61	E	
Fuselage Tail Cone, Zone 62	E	
Fuselage Sta. 69 to 83 Above Cockpit Floor, Zone 63	4E	
Fuselage Cockpit Sta. 83 to 148, Zone 64	4E	
Fuselage Cockpit Sta. 148 to 225 Above Floor, Zone 65 L/R	E	
Fuselage Sta. 208 to 69 Between Cockpit Floor and Horizontal Pressure Panel, Zone 66	E	
Forward and Aft Galley Areas Sta. 340 to 420 and Sta. 1440 to 1520 R. Side, Zone 67	E	
Scuff Plates at Forward and Aft Service Door Jambs. Internal Inspection of Door Jambs. Inter- costals and Frames at Fuselage Sta. 355, 391, 1460 and 1500. Inspection of Door Hinge Attach- ments and Door Snubber Attachments to Jambs, Zone 67	4E	
Forward and Aft Lavatory Areas, Zone 68	4E	
Vertical Stabilizer Front and Center Spar Attachments to Fuselage Longerons, Between Fuselage Sta.'s 1540 and 1606, Zone 68	4E	
Effective date _____		

FIGURE 28. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8-62/62F

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OPERATIONS SPECIFICATIONS, AIRCRAFT MAINTENANCE DOUGLAS DC-8-62/62F		
<u>STRUCTURE INSPECTION PROGRAM</u>		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Fuselage (Continued)</u>		
Upper and Lower Attachments of Aft Pressure Panel Vertical Beam (Center Line-Forward Face Pressure Panel) Fuselage Sta. 1606, Zone 68	4E	
Fuselage Entrance Doors, Zone 69	4E	
(62F) Main Cabin Cargo Door, Zone 69	4E	
Emergency Exit Doors, Zone 69	4E	
Fuselage Sta. 680 to 980 Between Bottom of Floor and Top of Wing and Wheel Well, Zone 70	4E	
Upper Wing to Fuselage Fillet, Zone 71 L/R	4E	
Lower Wing to Fuselage Fillet Sta. 680 to 980, Zone 72 L/R	4E	
Fuselage Less Zones 67 & 68, From Sta. 225 to 1485 Above Cusp., Zone 73	4E	
(62F) Internal Inspection of Main Cabin Cargo Door Jamb Intercostals and Frames at Fuselage Sta. 330 and 470, Zone 73	4E	
Left and Right Main Landing Gear and Wheel Well, Zone 74 L/R	4E	
Wheel Well Keel, Zone 74 L/R	E	
Effective date _____		

FIGURE 28. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8-62/62F

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<u>STRUCTURE INSPECTION PROGRAM</u>		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Fuselage (Continued)</u>		
Left and Right Horizontal Stabilizer Leading Edge, Zone 75 L/R	2E	
Forward Face of Stabilizer Front Spar, Zone 75 L/R	E	
Left and Right Horizontal Stabilizer Outer Panel, Zone 76 L/R	4E	
Horizontal Stabilizer Center Section, Zone 77	2E	
Left and Right Elevator and Tabs, Zone 78 L/R	E	
Vertical Stabilizer Leading Edge, Zone 79	2E	
Vertical Stabilizer Front Spar To Rear Spar, Zone 80	2E	
Vertical Stabilizer Tip, Zone 81	3E	
Rudder and Tab, Zone 82	2E	
Rudder Hinge Fitting and Damper	E	
Horizontal Stabilizer Tip, Zone 83 L/R	2E	
Left and Right Aft Fillet, Zone 84, L/R	2E	
Effective date _____		

FIGURE 29. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8-63/63F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8-63/63F		
<p>Following are additional items and/or changes to the original Douglas DC-8/F aircraft specification listing which apply to the Douglas DC-8-63/63F aircraft.</p> <p>Zone diagrams for the Douglas DC-8/F are also applicable to Douglas DC-8-63/63F aircraft; however, fuselage stations listed will only apply to the Douglas DC-8/F.</p>		
<u>Air Conditioning, Chapter 21</u>		
Valve, Fan Unloader	O.C.	D, E
Filter, Recirculating Fan	O.C.	D
Valve, Cold Air Bypass	O.C.	D, E
<u>Electrical Power, Chapter 24</u>		
Constant Speed Drive, 30 KVA	3000	D-Oil Change
Generator, 30 KVA	5000	B, D-Oil Level Check
Panel, Voltage Regulator and Generator Control	O.C.	E - F/C
Cooler, Air/Oil CSD	E.O.	D
<u>Fire Protection, Chapter 26</u>		
(63F) Pyrotector (Smoke Detector)	O.C.	A, B, D, E
Container - Fire Extinguisher	5 yr.	B, D, E
Cartridge - Dual Squib	4 yr.	B, D, E
<u>Flight Controls, Chapter 27</u>		
Cylinder and Control Valve Rudder Power	2E	D
<u>Fuel, Chapter 28</u>		
Pump, Residual Fuel Scavenge Center Wing	O.C.	D, F/C @ E
Heater, Sump, Center Wing	O.C.	D, F/C @ E
Valve, Fuel Scavenge Selector Center Wing	O.C.	D, F/C @ E
<u>Ice and Rain Protection, Chapter 30</u>		
Rain Repellant System	O.C.	A, B, D
Tail De-icing Timer	O.C.	D, E
Effective date _____		

FIGURE 29. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8-63/63F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8-63/63F		
<u>Landing Gear, Chapter 32</u>	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
Bogie Beam, Main Landing Gear, Non-Swivel	12,500	D
Energy Absorber, Tailskid Valve, Nose Wheel Steering, Bypass	O.C.	A,B,D
Limiter, Brake Fluid Quantity	12,500	D
	12,500	D
<u>Pneumatic System, Chapter 36</u>		
Heat Exchanger, Bleed Air Valve, Bleed Air Temperature Control	O.C.	D - E.C.
Valve, 16th Stage Shut-off	O.C.	D - F/C @ E
	O.C.	D - F/C @ E.O.
Valve, 12th Stage Check	O.C.	D - F/C @ E.O.
Amplifier, Pneumatic Manifold Rupture Warning	O.C.	D,E
Sensing Element, Pneumatic Manifold Rupture Warning	O.C.	E
<u>Doors, Chapter 52</u>		
(63F) Main Cabin Cargo Door Hydraulic System (Same as 55F)	O.C.	See NOTE *
(63F) Cylinder Assembly, Main Cabin Cargo Door Actuating	O.C.	See NOTE *
<p>* NOTE: The design of the main cabin cargo door installation is such that in the normally latched and locked position, it can be structurally compared to any fixed portion of the fuselage.</p> <p>It is only when the door is actuated open on the ground during cargo loading operations that the heaviest loads are incurred. These loads would be greatest at the upper door hinge and hydraulic actuating cylinder attach points. The door seal would also be subject to damage at this time.</p> <p>Thus, door utilization established inspection frequency. Under these conditions, Douglas suggests the following procedure for purposes of inspection: (1) Conduct a general visual area inspection of the upper cargo door hinge attachments, door jamb, door actuating cylinder attachments, door seal and latching mechanism at the scheduled "D" service following use of the aircraft in cargo configuration; (2) If the aircraft is operated solely in the</p>		
Effective date _____		

FIGURE 29. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8-63/63F

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	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
* NOTE: (Continued)		
passenger configuration, conduct a general visual area inspection (as above) no later than "E" frequency.		
<u>Powerplant, Chapter 71</u>		
Nose Cowl and Fan Duct Attach. Fireseal, Engine Mounts Control & Accessory Brackets	Engine Change	D
<u>Engine Air, Chapter 75</u>		
Valve, Engine Nose Cowl Anti-ice Shut-off	O.C.	D, F/C @ E.O.
<u>Thrust Reverser, Chapter 78</u>		
Thrust Reverser Assembly	O.C.	B, D (X-Ray Reverser Structure on Air- craft @ E Frequency)
Pump Assembly, Electric Driven Accumulator	5000 16,000	D D
Cylinder, Thrust Reverser Actuator	12,000	D
Valve, Thrust Reverser Control	12,000	D
Cylinder, Stow Latch, Thrust Reverser	12,000	D
Filter Assembly	O.C.	E
Effective date _____		

FIGURE 29. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8-63/63F

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-8-63/63F			
<u>STRUCTURE INSPECTION PROGRAM</u>			
E Check -	4000 Hours	Overhaul	Inspection &
D Check -	500 Hours	<u>Period</u>	<u>Check Period</u>
<u>Wings</u>			
	Wing Tip, Zone 5 L/R	5E	D
	Wing Outboard of Sta. Xw 408, Zone 9 L/R & Zone 6 L/R	5E	Combined Zone 9 L/R & Zone 6 L/R
	Wing Leading Edge Sta. Xfs 710 to Xw 736 Cant, Zone 7 L/R	E	
	Wing Leading Edge Sta. Xw 485 to Xfs 710, Zone 8 L/R	E	
*	No. 1 & 4 Alternate Fuel Tanks, Zone 9 L/R and Zone 6 L/R	5E	E-Sample One Tank Per Aircraft
	Wing Trailing Edge Sta. Xw 408 to Xw 736 Cant, Aft of Rear Spar, Zone 10 L/R	E	Aileron Hinge Brackets and Bolts 4D
	Aileron and Tab, Zone 11 L/R	E	Rings & Attach- ments 4D
	Aileron Leading Edge Balance Weights	2E	
	Wing Leading Edge at Outboard Pylon Sta. Xfs 526 to Xw 485, Zone 12 L/R	E	
	Outboard Pylon, Apron and Nacelle Access Doors, Zone 13 L/R	E	2D
*	Pylon Upper Spar, and Pylon Leading Edge Attachments, Zone 13 L/R	E	2D

Effective date _____

FIGURE 29. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8-63/63F

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	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Wings (Continued)</u>		
* Pylon to Wing Front Spar and Pylon to Wing Attachments, Zone 13 L/R	E	2D
Inboard Pylon, Apron and Nacelle Access Doors, Zone 14 L/R	E	2D
* Pylon Upper Spar and Pylon Leading Edge Attachments, Zone 14 L/R	E	2D
* Pylon to Wing Front Spar and Pylon to Wing Attachments, Zone 14 L/R	E	2D
Wing Leading Edge Sta. Xw 408 to Xfs 526, Zone 15 L/R	E	
Wing Leading Edge Sta. Xw 257 to Xw 408, Zone 16 L/R	E	
* No. 1 & 4 Main Fuel Tanks, Zone 17 L/R	SE	E-Sample One Tank Per Airplane
Wing Trailing Edge from Outboard Auxiliary Spar to Sta. Xw 408, Zone 18 L/R	E	
Main Landing Gear Support Fittings & Auxiliary Spars, Zone 19 L/R	2E	
Wing Leading Edge at Inboard Pylon Sta. Xfs 250 to Xw 257, Zone 20 L/R	E	
Wing Leading Edge Sta. Xw0 to Xfs. 207, Zone 21 L/R & 22 L/R External Inspection	E	
Wing Leading Edge Xfs Sta. 207 to Xs 250, Zone 20 & Zone 21 External Inspection	E	
Wing Leading Edge Xfs Sta. 207 to Xs 250 Zone 20 & Zone 21 including Forward Face of Wing Front Spar, as visible.	E	
Effective date _____		

FIGURE 29. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8-63/63F

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<u>STRUCTURE INSPECTION PROGRAM</u>		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Wings (Continued)</u>		
Leading Edge Fuel Tanks, Zone 21 L/R & Zone 22 L/R	5E	
No. 2 & 3 Main and Alternate Fuel Tanks, Zone 23 L/R & Zone 24 L/R	5E	
Outboard Wing Flap Interior Structure, Zone 25 L/R	3E	
Flap Hinge Support Fittings, Zone 25 L/R	2E	
Aft Side of Flap Spar, Zone 25 L/R	4E	
Inboard Wing Flap & Links at the Outboard End of the Flap, which Connect to the Inboard End of the Outboard Flap, Zone 26 L/R	E	
Flap Hinge Support Fittings and Aft Side of Flap Spar, Zone 26 L/R	4E	
Interior or Center Wing Sta. Xcw 0 to Xcw 69.5 (Front to Rear Spar), Zone 27 L/R	5E	
NOTE: * Specified times for items identified by (*) applicable to all operators until satisfactory service experience accumulated.		
<u>Fuselage (All stations are DC-8-63/63F, Identical to DC-8-61/61F)</u>		
Radome, Zone 51	E	
Fuselage Turbo Compressor Compartment, Zone 52	4E	
Effective date _____		

FIGURE 29. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8-63/63F

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	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Fuselage (Continued)</u>		
Navigation Antenna Compartment, Zone 53	4E	
Nose Gear Wheel Well, Zone 54	4E	
Nose Wheel Well Tunnel, Zone 55 L/R	4E	
Air Conditioning Accessory Compartment Sta. 8 to 70, Zone 56	E	
Forward Cargo Compartment Sta. 70 to 640, Zone 57	4E	
Forward Cargo Compartment Tunnel Sta. 70 to 640, Zone 57 L/R	4E	
Fuselage Accessory Compartment Sta. 640 to 680, Zone 58	E	
Upper and Lower Front Spar Cap, Forward Face of Front Spar Web Upper and Lower Front Spar Caps and Splice Plates at Sta. Xcw O, Zone 58	4E	
Aft Cargo Compartment Sta. 980 to 1540, Zone 59	4E	
Aft Cargo Compartment Tunnel, Sta. 980 to 1540, Zone 59 L/R	4E	
Fuselage Belly Compartment Sta. 1540 to Pressure Panel at Sta. 1766, Zone 60	E	
Aft Fuselage Sta. 1766 to 1890, Zone 61	E	
Effective date _____		

FIGURE 29. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8-63/63F

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	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Fuselage (Continued)</u>		
Aft Face and Periphery of Pressure Panel at Fuselage Sta. 1766, Zone 61	E	
Fuselage Tail Cone, Zone 62	E	
Fuselage Sta. -131 to -117 above Cockpit Floor, Zone 63	4E	
Fuselage Cockpit Sta. -117 to -52, Zone 64	4E	
Fuselage Cockpit Sta. -52 to 25 above Floor, Zone 65 L/R	E	
Fuselage Sta. 8 to -131 Between Cockpit Floor and Horizontal Pressure Panel, Zone 66	E	
Forward and Aft Galley Areas Sta. 360 to 460 & Sta. 1500 to 1620 R. Side, Zone 67	E	
Scuff Plates at Forward and Aft Service Door Jamba. Internal Inspection of Door Jamba. Intercostals & Frames at Fuselage Sta. 395, 430, 1538 & 1575. Inspection of Door Hinge Attachments & Door Snubber Attachments to Jamba, Zone 67	4E	
Forward and Aft Lavatory Areas, Zone 68	4E	
Vertical Stabilizer Front & Center Spar Attachments to Fuselage Longerons, Between Fuselage Sta's. 1700 and 1766, Zone 68	4E	
Effective date _____		

FIGURE 29. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8-63/63F

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<u>STRUCTURE INSPECTION PROGRAM</u>		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Fuselage (Continued)</u>		
Upper and Lower Attachments of Aft Pressure Panel Vertical Beam (Center Line-Forward Face of Pressure Panel) Fuselage Sta. 1766, Zone 68	4E	
Fuselage Entrance Doors, Zone 69	4E	
(63F) Main Cabin Cargo Door, Zone 69	4E	
Emergency Exit Doors, Type I and Type III, Zone 69	4E	
Fuselage Sta. 680 to 980 Between Bottom of Floor and Top of Wing and Wheel Well, Zone 70	4E	
Upper Wing to Fuselage Fillet, Zone 71 L/R	4E	
Lower Wing to Fuselage Fillet Sta. 680 to 980, Zone 72 L/R	4E	
Fuselage Less Zones 67 & 68, From Sta. 25 to 1645 above Cusp., Zone 73	4E	
(63F) Internal Inspection of Main Cabin Cargo Door Jamb Intercostals and Frames at Fuselage Sta. 130 to 270, Zone 73	4E	
Internal Inspection of Type I and Type III Emergency Exit Door Jambs, Intercostals and Frames	4E	
Left and Right Main Landing Gear and Wheel Well, Zone 74 L/R	4E	
Wheel Well Keel, Zone 74 L/R	E	
Effective date _____		

FIGURE 29. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
DOUGLAS DC-8-63/63F

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<u>STRUCTURE INSPECTION PROGRAM</u>		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Fuselage (Continued)</u>		
Left and Right Horizontal Stabilizer Leading Edge, Zone 75 L/R	2E	
Forward Face of Stabilizer Front Spar, Zone 75 L/R	E	
Left and Right Horizontal Stabilizer Outer Panel, Zone 76 L/R	4E	
Horizontal Stabilizer Center Section, Zone 77	2E	
Left and Right Elevator and Tabs, Zone 78 L/R	E	
Vertical Stabilizer Leading Edge, Zone 79	2E	
Vertical Stabilizer Front Spar to Rear Spar, Zone 80	2E	
Vertical Stabilizer Tip, Zone 81	3E	
Rudder and Tab, Zone 82	2E	
Rudder Hinge Fittings and Damper	E	
Horizontal Stabilizer Tip, Zone 83 L/R	2E	
Left and Right Aft Fillet, Zone 84 L/R	2E	
Effective date _____		

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
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FIGURE 30. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED MODEL 300 (C-141A)

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED MODEL 300 (C-141A)		
<u>APPLICABILITY</u>		
Lockheed fuselage serial numbers 6285 and up. For aircraft with fuselage serial numbers other than stated, Maintenance Specifications will be individually established. Overhaul and inspection intervals apply to components and appliances identified in Lockheed Service Manual Publication SMP 231 dated June 1, 1967, and revisions thereto.		
<u>EFFECTIVITY</u>		
Subject to the submission of acceptable maintenance technical data to an authorized representative of the FAA.		
<u>INSPECTION/CHECK REQUIREMENTS</u>		
The basic requirements for performing these inspections and checks are as specified in Part I of Lockheed Service Manual Publication SMP 231 dated June 1, 1967, and revisions thereto.		
<u>"A" INSPECTION/CHECK</u>		
To be accomplished each service calendar day.		
<u>"B" INSPECTION/CHECK</u>		
To be accomplished at intervals not exceeding 125 hours after the preceding "B" or "C" inspection/check period.		
<u>"C" INSPECTION/CHECK</u>		
To be accomplished at intervals not exceeding 500 hours after the preceding "C" inspection/check period.		
<u>AIRFRAME STRUCTURAL INSPECTIONS</u>		
The frequency and procedure for performing these inspections will be accomplished as specified in Part I and Part III of Lockheed Service Manual Publication SMP 231 dated June 1, 1967, and revisions thereto.		
<u>SPECIAL INSPECTIONS</u>		
The frequency and procedures for performing these inspections will be accomplished as specified in Part IV of Lockheed Service Manual Publication SMP 231 dated June 1, 1967, and revisions thereto.		
Effective date _____		

FIGURE 30. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED MODEL 300 (C-141A)

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED MODEL 300 (C-141A)		
<u>TERMINOLOGY DEFINITION</u>		
Unless otherwise stated herein, the time limitations are listed in aircraft operating hours. Letters and terms used denote the following:		
"OC" = On Condition "EO" = Engine Overhaul "6 Months" = Six months calendar time "5 Years" = Five years calendar time "E.T.I." = Elapsed time indicator hours "5000 Starts" = Quantity indicated on unit start counter "A" = Daily Check (Part I) "B" = "B" Check (125 hours) (Part I) "C" = "C" Check (500 hours) (Part I) "2C" = Second "C" Check (Part I) "3C" = Third "C" Check (Part I) "6C" = Sixth "C" Check (Part I) "EC" = Engine Change "EO" = Engine Overhaul "EO/FC" = Functional Check required at Engine Overhaul "S" = Special Inspection (Part IV) "ST" = Structural Inspection (Part III)		
Effective date _____		

FIGURE 30. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED MODEL 300 (C-141A)

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED MODEL 300 (C-141A)		
	Overhaul Period	Inspection and Check Period
<u>Air Conditioning, Chapter 21</u>	OC	A B C 2C S
Box, Temperature Control	OC	C 2C
Control, Fan and Venturi, Cabin Pressure	6,000	C
Control, Venturi, Cabin Pressure	OC	C
Controller, Cabin Pressure, Automatic	3,000	A B C 2C
Controller, Cabin Pressure, Manual	6,000	A B C 2C
Fan Cooling, Electrical Equipment	12,000	C
Fan Cooling, Electronic Components	6,000	C
Heat Exchanger, Primary and Secondary	OC	B C
Indicator, Air Pressure, Dual	OC	A B C
Indicator, Rate of Climb	12,000	A B C
Indicator, Pressure Cabin Altitude and Diff. Pressure	6,000	A B C
Indicator, Temperature	OC	A B C
Regulator, Pressure, Jet-Pump	OC	C
Sensor, Temperature	OC	C 2C
Switch, Warning, Cabin Low Pressure	OC	C
Transmitter, Pressure, Air	OC	C
Turbine Assembly, Refrigeration	3,000	B C 2C
Valve, By-Pass Turbine	12,000	C 2C
Valve, Diverter, Air Conditioning	12,000	C
Valve, Flow Control and Shut-Off (Air Conditioning)	12,000	C
Valve, Flow Control, Electronic Cooling	12,000	C
Valve, Modulating, Floor Heat, Cargo Compartment	3,000	C
Valve, Outflow, Cabin Pressure	6,000	C
Valve, Regulator, Air Pressure	6,000	C
Valve, Relief, Air Pressure	12,000	C
Valve, Shut-Off, Alternate Air, Flight Station	12,000	C
Valve, Shut-Off, Floor Heat, Cargo Compartment	12,000	C
Valve, Shut-Off, Primary Heat Exchanger Ejector	12,000	C
Valve, Shut-Off, Ram Air Vent	12,000	C
Valve, Solenoid, Emergency Depressurization	OC	C S
Valve, Temperature Control, Cabin	12,000	C
Water Separator, Air Conditioning	OC	B C S
<u>Auto Flight, Chapter 22</u>	OC	A B G 2C S
Actuator, Servo AFCS	6,000	C
Actuator, Servo Yaw Damper	6,000	C
Compensator, Mach Trim	3,000	C 2C S
Computer, Aileron, AFCS	1,000	C
Computer, Elevator, AFCS	1,000	C
Computer, Yaw Damper	1,000	C
Effective date _____		

FIGURE 30. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED MODEL 300 (C-141A)

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<u>Auto Flight, Chapter 22, Continued</u>	<u>Overhaul Period</u>	<u>Inspection and Check Period</u>
Control, Mach Trim	OC	A B C 2C
Control Panel, Yaw Damper	OC	A B C
Gyro-Rate, Single Axis	3,000	B C
Gyro-Rate, Two Axis	3,000	B C
Indicator, Trim, AFCS	6,000	A B C
Mounts, Servo, Aileron and Elevator	OC	C
Mounts, Servo, Yaw Damper	OC	C
Panel, Control, AFCS	3,000	A B C
Sensor, Control Wheel Force	12,000	C
Transmitter, Mach Trim Compensator	12,000	C 2C
Vertical Gyro, AFCS	1,000	C
<u>Communications, Chapter 23</u>	OC	A B C S ST
Control, Intercommunications	OC	A B C S ST
Requirements for additional equipment may be determined by assigned inspector.		
<u>Electrical Power, Chapter 24</u>	OC	A B C 2C S
Battery	OC	A B C
Constant Speed Drive (CSD)	EO	B C S
Controller - Load	12,000	C
Contractor	12,000	C
Cooler - Oil CSD	EO	B C
Frequency Meter	12,000	A B C
Generator - Engine Driven 40 KVA	EO	B C
Generator - APU Driven 40 KVA	6,000	B C
Generator - Emergency Hydraulic Driven	OC	B C 2C
Indicator - Temperature CSD Oil	12,000	A B C S
Loadmeter	OC	A B C
Panel - Bus Protection	OC	C
Panel - Generator Protection	9,000	C
Panel - Protection Aux. Power	12,000	C
Quick-Attach/Detach Assembly	EO	B C
Regulator-Voltage	12,000	C
Relay - "Bus Off" Indicator	12,000	C
Relay - Emergency Bus Power	12,000	C 2C
Relay - Essential Bus Power	12,000	C
Relay - Frequency Sensitive	12,000	C 2C
Relay - Isolated Bus	12,000	C 2C
Relay - Isolated Bus Reverse Current	12,000	C 2C
Relay - Main D-C Bus	12,000	C
Tank, Oil, CSD	EO	B C
Transformer - Rectifier Unit	OC	B C
Sensor - Temperature CSD Oil	12,000	B C S
Switch, Pressure, CSD Oil	12,000	B C
Voltmeter	12,000	A B C
Effective date _____		

FIGURE 30. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED MODEL 300 (C-141A)

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	Overhaul Period	Inspection and Check Period	
<u>Equipment and Furnishings, Chapter 25</u>	OC	A B C	ST
Belt, Flight Crew Safety	6,000	A B C	
Belt, Passenger Type Safety	6,000	A B C	
Galley - Aircraft Type, Crew	12,000	A B C	ST
Goggles, Smoke	OC	A B C	
Harness, Aircraft Safety, Shoulder	6,000	A B C	
Kit, First Aid, Medical	6 Months	A B C	
Ladder Assy - Emergency Exit	OC	A B C	
Lavatory - Crew	12,000	A B C	ST
Rope Assembly - Escape	OC	A B C	
Seats - Flight Station	12,000	A B C	
Winch - Cargo	OC	C	
<u>Fire Protection, Chapter 26</u>	OC	A B C	S ST
Amplifier - Smoke Detection	OC	B C	
Cable - Flex	OC	B C	S ST
Control Unit - Fire Warning	OC	A B C	S
Detector - Smoke	OC	B C	
Element - Sensing	OC	A B C	S
Extinguisher - Fire, Portable CO ₂	5 Years	A B C	S
Extinguisher - Fire, Dry Chemical, Portable	5 Years	A B C	S
Generator - Fire Warning (Tone)	OC	A B C	S
Horn, APU Fire Warning SDU-1A	OC	A B C	S
Keyer, Engine Overheat	OC	A B C	S
Sphere-Charged, and Operating Head, APU and Engine	5 Years	B C	S
Valve, Fire Extinguisher, Two-Way Check	OC	C	S
<u>Flight Controls, Chapter 27</u>	OC	A B C 2C S ST	
Actuator - Aileron Trim and Transmitter Assembly	6,000	B C	
Actuator - Aileron Artificial Feel (Cartridge)	6,000	B C	
Actuator - Elevator, Artificial Feel "Q"	3,000	B C	
Actuator - Rudder Artificial Feel (Cartridge)	6,000	B C	
Actuator - Flap Inboard and Outboard	6,000	A B C	
Actuator - Rudder Pedal, Bungee (Rudder Pedal Steering)	6,000	B C	
Actuator - Rudder Trim & Transmitter Assembly	6,000	B C	
Actuator - Spoiler Control, Cable Servo	6,000	B C	
Actuator - Spoiler Control Servo	6,000	B C	
Actuator Assembly - Stabilizer Trim (PITCH)	6,000	B C 2C	
Actuator Assembly - Aileron Tab Lockout	6,000	B C	
Actuator Assembly - Control Column Pusher	6,000	B C	
Effective date _____			

FIGURE 30. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED MODEL 300 (C-141A)

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED MODEL 300 (C-141A)		
	Overhaul Period	Inspection and Check Period
<u>Flight Controls - Chapter 27 Continued</u>		
Actuator Assembly - Pitch Trim Arming	6,000	B C 2C
Aileron Assembly	OC	A B C ST
Brake Assembly - Flap Asymmetry	12,000	B C 2C
Broken Cable Detector, Wing Flap	OC	B C 2C
Carriage Assembly - Flap Inboard and Outboard	6,000	B C
Chain and Cable Assembly - Flap Asymmetry	OC	B C 2C
Computer Amplifier - Flap Asymmetry System	6,000	B C 2C
Computer, Stall Warning and Prevention	3,000	B C
Control Assembly - Aileron Power	6,000	B C
Control Assembly - Elevator Power	6,000	B C
Control Assembly - Rudder Power	6,000	B C
Control Column Assembly	OC	B C ST
Elevator Assembly	OC	A B C ST
Flap Assembly - Inboard and Outboard	OC	A B C ST
Gear Box Assembly - Flap Drive	6,000	B C
Indicator - Aileron Trim	12,000	C
Indicator - Flap Position	12,000	C
Indicator - Pitch Trim	12,000	C 2C
Indicator - Rudder Trim	12,000	C
Indicator - Spoiler Position	6,000	C 2C
Limit Switch - Flap Position	6,000	B C
Regulator Assembly - Control Cable Tension (All Control Systems)	OC	B C ST
Rudder Assembly	OC	A B C ST
Shaker - Control Column	12,000	B C
Spoiler Panels - Inboard, Outboard, Upper and Lower	OC	A B C ST
Transmitter, Angle of Attack	6,000	B C
Transmitter - Flap Drive Sprocket, Position	12,000	C 2C
Transmitter - Flap Position	6,000	C
Transmitter - Pitch Trim Position	6,000	C 2C
Transmitter - Spoiler Position	6,000	C 2C
Valve, Flow Control, Pitch Trim	6,000	B C
Valve, Spoiler, Shutoff, Manual	OC	C
<u>Fuel System, Chapter 28</u>		
Actuator, Fuel Shut-Off Valve	12,000	C
Control Unit, Fuel Sensing	12,000	C
Indicator, Fuel Pressure	12,000	A B C
Indicator, Fuel Tank Quantity	12,000	A B C 3C S
Indicator, Total Fuel Quantity	12,000	A B C 3C S
Pump, Fuel Boost	6,000	A B C
Pump, Fuel, SPR Drain	12,000	A B C
Switch, Boost Pump Low Pressure Warning	OC	A B C

Effective date _____

FIGURE 30. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED MODEL 300 (C-141A)

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED MODEL 300 (C-141A)		
<u>Fuel System, Chapter 28 Continued</u>	<u>Overhaul Period</u>	<u>Inspection and Check Period</u>
Switch, Fuel Inlet Pressure	OC	A B C
Tank Unit, Fuel Quantity	OC	A B C 3C S ST
Transmitter, Fuel Pressure	12,000	A B C
Valve, APU Fuel Shut-Off Supply	OC	A B C
Valve, Fuel Level Control	12,000	A B C ST
Valve, Fuel, Manual Shut-off	OC	C S ST
Valve, Fuel Shut-Off	12,000	A B C S ST
 <u>Hydraulic Power, Chapter 29</u>	 OC	 A B C 2C 3C 6C S ST
Accumulator	12,000	A B C ST
Filter-Air Vent Line	OC	B C 2C S
Filter - Hydraulic	OC	B C 3C S
Fuse - Hydraulic	OC	B C
Gage - System Pressure, Direct Reading	OC	A B C S
Indicator, Hydraulic Pressure	12,000	A B C S
Pump - Suction Boost, Hydraulic Driven	6,000	B C S
Pump - Hand Operated	OC	B C 6C
Pump - Hydraulic, Engine Driven	4,000	B C S
Pump - Hydraulic, Electric Driven	6,000	B C S
Pump - Suction Boost, Electric Driven	6,000	B C S
Pressure Transmitter	12,000	B C S
Reservoir	OC	A B C S
Snubber - Pressure Line	OC	C
Switch - Low Pressure Warning	OC	C
Valve - Interconnect	OC	C
Valve - Inline Relief, Case Drain	OC	C
Valve - Motor Operated, Shut-Off	12,000	C
Valve - Pressure Relief (3560)	12,000	C
Valve - Pressure Shut-Off	12,000	C S
Valve - Solenoid Operated, 3-way	12,000	C
Valve - Solenoid Operated, 4-way	12,000	C
Valve - Drain Line Shut-Off	OC	C
 <u>Ice and Rain Protection, Chapter 30</u>	 OC	 A B C S
Auto-Transformer, Windshield Heat	OC	C
Box, Control, Windshield Heat	OC	C
Control Box, Temperature Sensing Rain Removal	6,000	C
Controller, Temperature, Empennage De-Icing System	OC	C
Detector, Ice	OC	C
Nozzle, Rain Removal	OC	C
Sensor, Temperature Control, Wing Anti-Ice	OC	C
Switch, Overheat, Wing Anti-Ice	OC	C
Valve, Drain, Windshield Rain Removal	OC	C
Valve, Modulating, Wing Anti-Ice	12,000	C

Effective date _____

FIGURE 30. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED MODEL 300 (C-141A)

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED MODEL 300 (C-141A)		
Ice and Rain Protection, Chapter 30 <u>Continued</u>	Overhaul <u>Period</u>	Inspection and <u>Check Period</u>
Valve, Pressure Regulating and Shut-Off, Rain Removal	12,000	C
Valve, Pressure Relief, Rain Removal Duct	OC	C
Valve, Shut-Off, Rain Removal	12,000	C
Windshield, NESA	OC	A B C
<u>Instruments, Chapter 31</u>	OC	A B C S
Accelerometer	12,000	A B C
Accelerator, Sensor, Flight Recorder	3,000	C
Clock	OC	A B C
Recorder, Flight	3,000	A B C
<u>Landing Gear, Chapter 32</u>	OC	A B C 6C S ST
Actuator, MLG Downlock	12,000	A B C
Actuator, NLG Steering	9,000	A B C
Actuator, NLG Up-Down Lock	12,000	A B C
Actuator, Uplock, MLG	12,000	A B C
Assembly, MLG	9,000	A B C
Assembly, NLG	9,000	A B C
Brake Assembly, MLG	OC	A B C
Control Box, Anti-Skid	3,000	B C
Control Box, Touchdown	6,000	B C
Control Panel, Landing Gear	OC	A B C
Cylinder, MLG Actuating	6,000	A B C
Cylinder, NLG Actuating	12,000	A B C
Detector, Anti-Skid	6,000	C
Fuse, Hydraulic Brake	12,000	B C
Horn, Warning	OC	A B C
Indicator, Brake Pressure	OC	A B C
Indicator, Panel, Bogie Position	OC	A B C
Relay, MLG Up and Locked	OC	C
Relay, Touchdown	OC	C
Tire, MLG	OC	A B C
Tire, NLG	OC	A B C
Transmitter, Pressure, Brake	12,000	B C
Uplock, MLG	12,000	A B C
Valve, By Pass, Manual	OC	C
Valve, Control, Dual Brake Anti-Skid	6,000	C
Valve, Downlock Selector, MLG	12,000	B C
Valve, Dual Metering Brake (Pilot)	12,000	B C
Valve, Flow Regulation, MLG	OC	C
Valve, Flow Regulation, NLG	OC	C
Valve, Main Brake Metering	12,000	C
Valve, Pressure Relief (1200)	12,000	C 6C
Valve, Selector, Brake	12,000	C
Valve, Selector, MLG	12,000	C

Effective date _____

FIGURE 30. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED MODEL 300 (C-141A)

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED MODEL 300 (C-141A)		
<u>Landing Gear, Chapter 32 Continued</u>	<u>Overhaul Period</u>	<u>Inspection and Check Period</u>
Valve, Selector, NLG	12,000	C
Valve, Selector, NLG Emergency, Manual	OC	C
Valve, Shuttle, Brake	OC	C
Wheel, MLG	OC	A B C Note (1)
Wheel, NLG	OC	A B C Note (1)
Note (1): Visually inspect at each tire change and perform non-destructive inspection at each 15th tire change.		
<u>Lights, Chapter 33</u>	OC	A B C ST
Control - Master Caution, Annunciator	OC	A B C ST
Light, Anti-Collision	3,000	A B C ST
Light, Emergency Exit	6,000	A B C ST
Light, Landing	3,000	A B C ST
Lights, Navigation	OC	A B C ST
<u>Navigation, Chapter 34</u>	OC	A B C 2C S
Altimeter - Pressure	6,000	A B C 2C S
Amplifier - Slaving, Gyro Compass	3,000	B C S
Amplifier, Airspeed - Mach Number	3,000	B C S
Amplifier, Altitude - Vertical Speed	3,000	B C S
Amplifier - Servo Gyro Compass	3,000	B C S
Amplifier - Audible Warning	OC	B C S
Compass - Magnetic, Pilots Standby	OC	B C S
Computer - Central Air Data	1,000	B C S
Computer - Flight Director	3,000	B C S
Controller - Gyro Compass	3,000	A B C S
Flux Valve and Compensator	3,000	B C S
Generator - Audible Warning	OC	B C S
Gyro-Directional	2,000	B C S
Gyro-Rate Switching	3,000	B C S
Gyro-Vertical	2,000	B C S
Indicator - Attitude Director	2,000	A B C S
Indicator - Airspeed, Mach Number	3,000	A B C 2C S
Indicator - Airspeed, Standby	6,000	A B C 2C S
Indicator - Altitude, Vertical Speed	3,000	A B C S
Indicator - BDHI	2,000	A B C S
Indicator - Horizontal Situation	2,000	A B C S
Indicator - Total Air Temperature	OC	A B C S
Keyer, Audible Warning (Underspoiler Speed Warning)	OC	B C S
Power Supply - Gyro Compass	3,000	B C S
Probe - Total Air Temperature	OC	A B C S
Rack - Gyro Compass	OC	B C S
Sensor - Rate of Turn	2,000	B C S
Tube - Pitot Static	OC	A B C 2C S
Requirements for additional equipment may be determined by assigned inspector.		
Effective date _____		

FIGURE 30. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED MODEL 300 (C-141A)

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED MODEL 300 (C-141A)		
	Overhaul Period	Inspection and Check Period
<u>Oxygen, Chapter 35</u>		
Oxygen	OC	A B C S
Cylinder Assembly and Pressure Reducer	5 Years	A B C S
Gage - Remote Pressure	6,000	A B C S
Mask, Oxygen	OC	A B C S
Oxygen Cylinder - Portable	5 Years	A B C S
Regulator, Oxygen	6,000	A B C S
<u>Pneumatic System, Chapter 36</u>	OC	A B C 2C
Indicator - Pressure, Bleed Air Manifold	12,000	A B C 2C
Transmitter - Pressure, Bleed Air		
Manifold	12,000	C 2C
Valve - Shut-Off, Bleed Air	6,000	C 2C
<u>Auxiliary Power, Chapter 49</u>	OC	A B C S
Auxiliary Power Plant	*E.T.I. 1250 or 5,000 Starts	A B C S Note 1
Tank, Oil, APU	OC	A B C
* Note 1: Whichever occurs first.		
<u>Doors, Chapter 52</u>	OC	A B C 2C 6C S ST
Actuator, Cargo Ramp	12,000	A B C
Actuator, Petal Door and Ramp Lock	12,000	A B C
Actuator, Pressure Door	12,000	A B C
Actuator, Pressure Door Down Lock	12,000	A B C
Actuator, Pressure Door Up Lock	12,000	A B C
Central Gear Box Assy, Petal Door		
Actuator	12,000	A B C
Jack Screw Assembly, Petal Door Actuator	12,000	A B C
Valve, Flow Regulation	12,000	B C
Valve, Pressure Door, Selector	12,000	B C
Valve, Pressure Reducing, Cargo Ramp	12,000	B C
Valve, Selector, Door Locks	12,000	B C
Valve, Shuttle, Ramp Lock and Pressure		
Door	12,000	B C
<u>Fuselage, Chapter 53</u>		
<u>Nacelles, Chapter 54</u>		
<u>Stabilizers, Chapter 55</u>		
<u>Windows, Chapter 56</u>		
<u>Wings, Chapter 57</u>		
		Structural inspection requirements are as specified in Parts I, III, and IV of Lockheed Service Publication SMP No. 231 dated June 1, 1967.
<u>Power Plant, Chapter 71</u>	OC	A B C EC S
Mount, Engine	EC	B C EC S
Cowling	OC	A B C EC
Firewall	OC	B C EC
Effective date _____		

FIGURE 30. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED MODEL 300 (C-141A)

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED MODEL 300 (C-141A)		
	Overhaul <u>Period</u>	Inspection and <u>Check Period</u>
<u>Engine - Turbine, Chapter 72</u>	OC	A B C EO S
Engine, Turbo Fan P&W TF-33-P7/JT3D-5A	4,000	A B C EO S Note 1
Note 1: Major Inspection at 2,000 hours.		
<u>Engine Fuel and Control, Chapter 73</u>		A B C EO
Actuator, Fuel Shut-Off	EO	B C
Control, Fuel	EO	B C
Filter Assembly, Fuel De-Icing	OC	B C EO
Heater, Fuel De-Icing	EO	B C
Indicator, Engine Fuel Inlet Temperature	12,000	A B C
Indicator, Fuel Flow	2,000	A B C
Pump, Fuel	EO	B C
Switch, Differential Pressure	OC	B C EO/FC
Switch, Inlet Pressure	OC	B C EO/FC
Transmitter, Rate of Flow, Fuel	2 EO	B C
Valve Assembly, Fuel Pressurization and Dump	EO	B C
<u>Ignition, Chapter 74</u>		A B C EO
Cable, Exciter, Electrical Power	EO	B C
Cable, Special Purpose	EO	B C
Exciter, Ignition	EO	B C
Plug, Igniter	OC	C EO
<u>Engine Air, Chapter 75</u>		A B C EO
Actuator, Compressor Bleed	EO	B C
Regulator, Anti-Icing Air	EO	B C
Regulator, Duct Seal Pressure	OC	B C EO/FC
Regulator, Pressure, CSD Oil Tank	OC	B C EO/FC
Valve and Actuator Assembly, Anti-Icing Air	EO	B C
Valve Assembly, Breather Pressurizing	EO	B C
Valve, Bleed Air Shut-Off	EO	B C
Valve, Check, Duct Seal Pressure	OC	B C EO/FC
Valve, Compressor Bleed	EO	B C
Valve and Control Assembly, Compressor Bleed	EO	B C
Valve, Nacelle Preheat	OC	B C EO/FC
Valve, Nose Cowl Anti-Ice	OC	B C EO/FC
Valve, Shut-Off, Compartment Cooling (Zone I)	OC	B C EO/FC
Valve, Shut-Off, Compartment Cooling (Zone II)	OC	B C EO/FC
<u>Engine Controls, Chapter 76</u>		A B C EC ST
Power Lever System, Cables, Poiley, Rods and Linkages	OC	B C EC ST
Tension Regulator, Throttle	OC	EC
Effective date _____		

FIGURE 30. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED MODEL 300 (C-141A)

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED MODEL 300 (C-141A)		
	Overhaul Period	Inspection and Check Period
<u>Engine Indicating, Chapter 77</u>		
Converter, Engine Instrument	3,000	A B C 2C S
Generator, Tachometer	EO	B C
Indicator, Engine Pressure Ratio	2,000	A B C 2C
Indicator, Engine Vibration	6,000	A B C
Indicator, Exhaust Gas Temperature	2,000	A B C 2C
Indicator, Tachometer	2,000	A B C
Pick-Up, Engine Vibration	EO	C
Transmitter, Pressure Ratio	EO	C 2C
<u>Exhaust, Chapter 78</u>		
Actuator, Thrust Reverser	2EO	A B C EO S
Control, Thrust Reverser	2EO	A B C EO
Door, Thrust Reverser	OC	B C EO
Filter, Thrust Reverser	OC	A B C EO
Nozzle Assembly, Primary Exhaust	EO	B C EO
Pump, Thrust Reverser	2EO	A B C
Telescopic Unit, Thrust Reverser	2EO	B C EO
Valve, Flow Regulator, Thrust Reverser	OC	A B C EO
Valve, Relief	OC	B C EO
<u>Engine Oil, Chapter 79</u>		
Bulb, Temperature	OC	B C EO/FC
Cooler Assembly, Fuel Oil Coolant	EO	C EO
Heat Exchanger, Air-Oil	EO	B C
Indicator, Engine Oil Temperature	6,000	A B C
Indicator, Oil Pressure	6,000	A B C
Pump Assembly, Oil	EO	C
Strainer Assembly, Oil, Main	OC	C EO
Switch, Low Oil Quantity	OC	C EO
Switch, Oil Pressure	OC	C EO
Tank Assy., Lubricating Oil	EO	B C
Transmitter, Oil Pressure	EO	B C
Valve, Oil Pressure Relief	EO	C
<u>Starting, Chapter 80</u>		
Starter, Engine	OC	A B C EO
Valve, Pressure Regulating	EO	B C
Valve, Pressure Regulating	EO	B C

Effective date _____

FIGURE 31. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED JETSTAR - MODEL 1329

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE - GENERAL LOCKHEED JETSTAR - MODEL 1329	
<p>Aircraft shall not be utilized in air carrier or commercial operations unless:</p> <ol style="list-style-type: none">a. The aircraft and its component parts, accessories and appliances are maintained in an airworthy condition in accordance with the operator's maintenance manual. Such manual shall at least include the methods, procedures and limitations contained in the Lockheed JetStar Handbook of Operating and Maintenance Instructions.b. The aircraft and its component parts, accessories, and appliances are maintained in an airworthy condition in accordance with the maximum time limits hereinafter set forth for the accomplishment of the overhaul, periodic inspection, and routine checks of the aircraft and its component parts, accessories, and appliances.c. OC "On Condition" items will be maintained in continuous airworthy condition by periodic and progressive inspections and checks, services, repair and/or preventive maintenance and are appropriately described in the operator's maintenance manual.d. Parts or sub-components not listed herein will be checked, inspected and/or overhauled at the same time limits specified for the component or accessory to which they are related.	
<p>Abbreviations used in the JetStar Model 1329 maintenance specifications are defined as follows:</p> <ul style="list-style-type: none">PF - Indicates "Preflight Inspection"FC - Indicates "Functional Check"BC - Indicates "Bench Check"EO - Indicates "Engine Overhaul"EC - Indicates "Engine Change"OC - Indicates "On Condition"R&R - Indicates "Remove and Replace"HYD - Indicates "Hydrostatic Test"C - Indicates "Calibration"ST - Indicates "Scrap Time"DI - Indicates "Detailed Inspection" in accordance with manufacturer's methods and proceduresETI - Elapsed Time Indicated	
Effective date _____	

FIGURE 31. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED JETSTAR - MODEL 1329

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED JETSTAR - MODEL 1329	
<u>Preflight Inspection/Check</u> To be accomplished each service calendar day.	
<u>"A" Inspection/Check</u> To be accomplished at intervals not to exceed 80 flight hours after the preceding "B" or "C" Inspection/Check period.	
<u>"B" Inspection/Check</u> To be accomplished at intervals not to exceed 160 flight hours after preceding "B" or "C" Inspection/Check period.	
<u>"C" Inspection/Check</u> To be accomplished at intervals not to exceed 640 flight hours after preceding "C" Inspection/Check period.	
<u>Special Inspections</u> The frequency and procedure for performing special inspections will be accomplished as specified in the operator's maintenance manual.	
Overhaul and inspection/check period time limitations specified in hours and calendar time are maximum limits of whichever occurs first.	
Effective date _____	

FIGURE 31. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED JETSTAR - MODEL 1329

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	<u>OVERHAUL HOURS OR YRS.</u>	<u>INSPECTION & CHECK PERIOD</u>
		<u>OTHER</u>
<u>Air-Conditioning, Chapter 21</u>	10,000	PF A B C
Actuator Emerg. Press.	2,600/5 yrs.	B C
Controller Cabin Press.	2,600/5 yrs.	B C
Control Temperature	OC	B C
Exchanger Heat	2,000	B C
Fan Turbine Assy.	1,200	B C
Indicator Cabin Air Temp.	5,000	PF A B C
Indicator Cabin Rate of Climb	2,600	PF A B C
Indicator Dual Altimeter/Diff. Press.	4,000	PF A B C
Oil Change, Cooling Turbine	640	B C
Relay Cabin Press.	2,600/5 yrs.	B C
Regulator Cooling Fan Assy.	2,600/5 yrs.	B C
Refrigeration Assy.	3,000	B C
Valve Bleed-Air Flow Control	2,600	B C
Valve Shut-off Flt. Station	2,600/5 yrs.	B C
Valve Shut-off Emerg. Press.	2,600/5 yrs.	B C
Valve Shut-off Engine Bleed	2,600/5 yrs.	B C
Valve Out-flow Cabin Press.	1,200	B C
Valve Needle Cabin Press.	2,600/5 yrs.	B C
Valve Check	5,000	B C
<u>Auto-Pilot, Chapter 22</u>	10,000	PF A B C
Accelerometer	OC	C
Bracket Assy. Servo Drive	2,000/2 yrs.	B C
Coupler Engage	OC	A B C
Computer	OC	B C (B C at "C")
Control Altitude	2,000/2 yrs.	B C
Controller	2,000/2 yrs.	B C
Drive Aileron Servo	2,000/2 yrs.	B C
Drive Elevator and Rudder Servo	2,000/2 yrs.	B C
Gyro Rate	2,000/2 yrs.	B C
Gyro Vertical	2,000/2 yrs.	B C
<u>Communications, Chapter 23</u>	10,000	PF A B C
To be determined by assigned inspector		

Effective date _____

FIGURE 31. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED JETSTAR - MODEL 1329

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED JETSTAR - MODEL 1329			
	OVERHAUL HOURS OR YRS.	INSPECTION & CHECK PERIOD	OTHER
<u>Electrical Power, Chapter 24</u>	10,000	PF A B C	
Battery	OC	PF A B C	
Contactor, Generator Line	4,000	B C	
Control Panel, Generator	2,000	PF A B C	
Generator/Starter	1,200	B C	(Inspect brushes every 400 hrs.)
Inverter, Rotary	800	PF A B C	
Loadmeter	4,000	B C	
Meter Frequency	4,000	PF A B C	
Relay, Battery, Series	OC	PF A B C	
Relay, Inverter Input	OC	PF A B C	
Relay, Inverter Output	OC	PF A B C	
Voltmeter	4,000	PF A B C	
<u>Equipment/Furnishings, Chapter 25</u>	10,000	PF A B C	
Axe Fire	OC	PF A B C	
Belts, Seat .	OC	PF A B C	
Galley	OC	PF A B C	
Harness, Shoulder	OC	PF A B C	
Kit, First Aid	OC	PF A B C	
Lavatory	OC	PF A B C	
Mask, Smoke	OC	PF A B C	
Raft, Life	6 mo.	PF A B C	
Seats	OC	PF A B C	
Vest, Life	6 mo.	PF A B C	
<u>Fire Protection, Chapter 26</u>	10,000	PF A B C	(Functional check every 2½ yrs.)
Actuator Explosive	OC	B C	(Replace every 2 yrs.)
Controller, Fire detection	OC	PF A B C	
Element Sensing	OC	PF B C	
Extinguisher, Portable	* 5 yrs.	PF B C	
Sphere, Fire Extinguishing	* 5 yrs.	B C	
* Hydrostatic Test			
Effective date _____			

FIGURE 31. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED JETSTAR - MODEL 1329

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED JETSTAR - MODEL 1329		
	OVERHAUL HOURS OR YRS.	INSPECTION & CHECK PERIOD
<u>Flight Controls, Chapter 27</u>		
Actuator Flap	10,000	PF A B C
Actuator Flap Screwjack	6 yrs.	B C
Actuator Pitch Trim	2,000	B C
Booster Assy. Aileron	3,000	B C
Booster Assy. Elevator	3,000	B C
Compensator Mach Trim	2,000/2 yrs.	B C
Contacto Stabilizer Trim Normal	1,000	B C
Contacto Stabilizer Trim Emerg.	2,000	B C
Coupling Flapdrive, L.E.	5 yrs.	B C
Gear Box Flapdrive, 120 Degree	6 yrs.	B C
Gear Box Flap	5,000	B C
Motor Hydraulic Flap	5,000	B C
Motor Pitch Trim Primary	1,000	B C
Stop Hydraulic Flap	5,000	B C
<u>Fuel, Chapter 28</u>		
Indicator, Fuel Quantity	10,000	PF A B C
Hose, Fuel Jettison	2,600	PF A B C
Pump, Fuel Boost Main.	1 yr.	B C
P/N RR 12040B and P/N RR 12040E	300	B C
P/N RR 12040D and P/N RR 12040F	1,000	B C
Pump, Fuel Boost Ext. Tanks	1,200	B C
Probes, Fuel Quantity	OC	PF A B C
Valve, Motor Shut-off	5,000	B C
<u>Hydraulic Power, Chapter 29</u>		
Accumulator	10,000	PF A B C
Bottle Air Emerg. Lndg. Gear Ext.	2 yrs.	PF A B C
Filter, Hydraulic Line,	*	PF A B C
P/N AC-2768-10	OC	PF **B C
P/N AC-2768-101P and P/N AC-2768-101NP	**OC/2500	PF B C
Indicator, Hydraulic Press.	5,000	PF A B C
Pump, Hydraulic Electric	3,000	PF A B C
Pump, Hydraulic Engine	1,200	A B C
Regulator, Air Pressure	18 mo.	B C
Reservoir, Hydraulic	OC	PF A B C
Valve, Engine Shut-off	5,000	B C
Valve, Wing Flap Selector Standby	3 yrs.	B C
Valve, Wing Flap Selector	3 yrs.	B C
* Hydrostatic Test		
** Clean and replace filter element		
Effective date _____		

FIGURE 31. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED JETSTAR - MODEL 1329

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED JETSTAR - MODEL 1329			
	OVERHAUL HOURS OR YRS.	INSPECTION & CHECK PERIOD	OTHER
<u>Hydraulic Power, Chapter 29 Contd.</u>			
Valve, Dual Shuttle	1,800/3 yrs.	B C	
Valve, Speed Brake Selector, P/N 263-0046	2 yrs.	B C	
P/N 263-0067	3 yrs.	B C	
Valve, Thrust Reverser Selector	3 yrs.	B C	
Valve, Air Charging/Relief	1,200	B C	
Valve, Check Manual Control	5 yrs.		
Valve, Main Gear Door Selector	3 yrs.		
<u>Ice and Rain Protection, Chapter 30</u>			
Motor, Windshield Wiper	10,000	PF A B C	
OC			B C
Valve, De-Icer Distributor	5 yrs.		B C
Valve, Pressure Regulator	2,500		B C
<u>Instruments, Chapter 31</u>			
Accelerometer, Vertical	10,000	PF A B C	
OC			B C (BC & C every 4,000 hrs.)
Clock	OC	PF A B C	
Encoder Trip/Date	2,000	PF A B C	
Indicator Outside Air Temp.	OC	PF A B C	
Recorder Flight Data	2,000	PF A B C	
<u>Landing Gear, Chapter 32</u>			
Actuator, Nose Gear Steering	10,000	PF A B C	
Actuator, Nose Gear Retract	10,000	PF A B C	
Actuator, Main Gear Side Brace, P/N JL1400-9 and FL1400-11	10,000	PF A B C	
P/N JL-1400-7	6,000	PF A B C	
Anti-Skid System	OC	PF A B C	
Strut, Main Landing Gear	10,000	PF A B C	
Strut, Nose Landing Gear	10,000	PF A B C	
Tires, Landing Gear	OC	PF A B C	
Valve, Brake Selector	3 yrs.	PF A B C	
Valve, Landing Gear Control	4 yrs.	B C	
Valve, Nose Wheel Steering	3 yrs.	B C	
Valve, Steering Selector	3 yrs.	PF B C	
Valve, Brake Shuttle	1,800/3 yrs.	PF A B C	
Wheels, Landing Gear	OC	PF A B C	*
<u>Lights, Chapter 33</u>			
Battery, Emergency/Charger	10,000	PF A B C	
OC			PF A B C

* Magnafix wheel tie bolts every third tire change, and dye or
yglu inner and outer wheel halves every "C" check.

Effective date _____

FIGURE 31. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED JETSTAR - MODEL 1329

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED JETSTAR - MODEL 1329			
	OVERHAUL HOURS OR YRS.	INSPECTION & CHECK PERIOD	OTHER
<u>Lights, Chapter 33 Cont'd.</u>			
Light, Anti-Collision	OC	PF A B C	
Light, Landing	OC	PF A B C	
Light, Navigation	OC	PF A B C	
Light, Taxi	OC	PF A B C	
<u>Navigation, Chapter 34</u>	10,000	PF A B C	
(To be determined by assigned inspector)			
<u>Oxygen, Chapter 35</u>	10,000	PF A B C	
Cylinder Assy./Pressure Reducer	18 mo.	A B C	*
Cylinder, Portable	5 yrs.	PF A B C	**
Mask/Regulator Passenger	2 yrs.	A B C	(FC at B)
Mask, Crew Oxygen	2 yrs.	PF A B C	
Panel Control Pass. Oxygen	2 yrs.	A B C	
Regulator Crew Oxygen	2 yrs.	PF A B C	
Valve Pass. Mask Container			
Door Actuator	3 yrs.	A B C	
Valve Pass. Mask lanyard	3 yrs.	A B C	(FC at B)
<u>Drag Chute, Chapter 39</u>	10,000	PF A B C	
Parachute Assy. Deceleration	OC	B C	***
<u>Airborne Auxiliary Power, Chapter 49</u>	10,000	PF A B C	
Auxiliary Power Unit (Solar)	2,000 ETI	PF A B C	
Panel Control Regulator	10,000	C	
Starter/Generator	2,000 ETI	C	(Inspect brushes every 400 hrs.)
<u>Doors, Chapter 52</u>	10,000	PF A B C	(Visual inspect every 5,000 hrs.)
Door, Entrance	10,000	PF A B C	
Hatch, Emergency	10,000	PF A B C	
Cone, Nose	10,000	PF A B C	
* Hydrostatic Test every three years.			
** Hydrostatic Test every five years.			
*** If not used within last three months, remove chute, aerate, dry and repack into container in accordance with applicable directions.			
Effective date _____			

FIGURE 31. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED JETSTAR - MODEL 1329

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED JETSTAR - MODEL 1329					
	<u>OVERHUAL HOURS OR YRS.</u>	<u>INSPECTION & CHECK PERIOD</u>			<u>OTHER</u>
<u>Fuselage, Chapter 53</u>	10,000	PF	A	B C	(Visual inspec. every 5,000 hrs.)
D.1. Structure members at connections of main frame at F.S. 410.5, 429.5, 450.4, 469.5 and 526 between floor level and W.L. 100.	10,000				"
D.1. Structure members at F.S. F.S. 232 thru 277, 410, 526 to 539 R&R as required.	10,000				"
D.1. Structure members at F.S. 570, 589, and 608.	10,000				"
D.1. All main frames for distortion, corrosion and cracks.	10,000				"
D.1. Center fuselage upper and lower structure FS 257 to 270 for distortion, corrosion and cracks.	10,000				"
D.1. Forward upper and lower fuselage section F.S. 158 to 270 for distortion, corrosion, and cracks.	10,000				"
D.1. Aft fuselage upper and lower section for corrosion, distortion, and cracks.	10,000				"
D.1. Nose and equipment support structure for distortion, corrosion and cracks.	10,000				"
D.1. Window frames for stress bulges, cracks and corrosion	10,000				"
D.1. Engine nacelle mount yoke	10,000				"
D.1. Empennage upper, lower and center vertical box structure for distortion, corrosion, and cracks.	10,000				(Visual inspec. every 2,500 & 5,000 hrs.)
Effective date _____					

FIGURE 31. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED JETSTAR - MODEL 1329

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED JETSTAR - MODEL 1329			
	OVERHAUL HOURS OR YRS.	INSPECTION & CHECK PERIOD	OTHER
<u>Nacelle/Pylons, Chapter 54</u>			
D.1. Engine mount structure box beam and frames at N.S. 51.5 and 100.	10,000	PF A B C	EC (Visual inspec. every 5,000 hrs.)
D.1. Nacelle attach bolts and bolts and fittings.	10,000		"
<u>Stabilizer, Chapter 55</u>			
D.1. Elevator Hinge Bolts	10,000	PF A B C	"
D.1. Elevator Counterbalances	10,000		"
D.1. Elevator Spar	10,000		"
D.1. Elevator Ribs	10,000		"
D.1. Horizontal Stabilizer Front Spar and Ribs	10,000		"
D.1. Rudder Hinge Bolts	10,000		"
D.1. Rudder Counterbalances	10,000		"
D.1. Rudder Hinge Pins	10,000	•	"
D.1. Rudder Spar	10,000		"
D.1. Vertical Stabilizer Aft Hinge Pins, Forward Center and Aft Scissors Joint Bolts	10,000		" (Visual inspec. & magnaflex every 5,000 hrs.)
<u>Windows, Chapter 56</u>			
Glass, All	10,000	PF A B C	
<u>Wings, Chapter 57</u>			
D.1. Wing to Fuselage Attach Bolts at Left and Right Attach Frames at F.S. 410 and 430 for Distortion, Corrosion, and Cracks	10,000	PF A B C	(Visual inspec. at 5,000 hrs.)
D.1. Visually Inspect Fuel Tank Interior for Corrosion, Cracks, & Condition.	3 yrs.		
D.1. Wing forward, center, and aft spars for distortion, corrosion and cracks.	10,000		(Visual inspec. every 5,000 hrs.)
Effective date _____			

FIGURE 31. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED JETSTAR - MODEL 1329

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED JETSTAR - MODEL 1329		
	OVERHAUL HOURS OR YRS.	INSPECTION & CHECK PERIOD
		OTHER
<u>Wings, Chapter 57, Contd.</u>		
D.1. Root rib and shear fittings for distortion, corrosion and cracks.	10,000	(Visual inspec. every 5,000 hrs.)
D.1. Aileron hinges and attach fittings.	10,000	"
D.1. Aileron Hinge Bolts	10,000	"
D.1. Aileron Counterbalance weights	10,000	"
D.1. Wing Trailing Edge Alignment pins	10,000	"
D.1. Trim Tab Control Hinges and fittings	10,000	"
D.1. Wing Trailing Edge Flap Hinges and Attach Fittings	10,000	"
D.1. Forward Support Assembly and Auxiliary Beam (Remove Landing Gear)	10,000	"
D.1. Main Landing Gear Mounting Bolts	10,000	"
<u>Powerplant General, Chapter 71</u>		
Mount Assembly Engine	EO	PF A B C B C
<u>Engine, Chapter 72</u>		
Engine P&W JT12A-6A	1,500	PF A B C PF A B C
Hot Section Inspection		750 hrs.
Engine P&W JT12A-8	1,200*	PF A B C
Hot Section Inspection		600 hrs.**
*Sample overhaul the number of engines specified below at 1,000 hrs. to substantiate 1,200 hrs. T.B.O.		
**Perform the number of hot section inspections specified below at 400 hrs. to substantiate 600 hrs. hot section inspection frequency.		
<u>Number of engines</u>	<u>O.H.</u>	
1-4	1	
5-9	2	
10-21	3	
22-61	4	
62-100	5	
101 & Above	6	
Effective date _____		

FIGURE 31. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
LOCKHEED JETSTAR - MODEL 1329

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LOCKHEED JETSTAR - MODEL 1329			
	OVERHAUL HOURS OR YRS.	INSPECTION & CHECK PERIOD	OTHER
<u>Engine Fuel and Control, Chapter 73</u>			
Transmitter Fuel Flow	EO	PF A B C	
Indicator Fuel Flow	3,600	PF A B C	
Fuel Control Engine	EO	B C	
Fuel Pump Engine	EO	B C	
<u>Ignition, Chapter 74</u>			
Exciter	EO	PF A B C	EC
Harness Assembly	EO	B C	
Plug Igniter	OC	B C	
<u>Air, Chapter 75</u>			
Bleed Valves Engine Mounted	EO	PF A B C	EC
Bleed Air Ducts Engine Mounted	EO	B C	
<u>Engine Controls Chapter 76</u>			
Throttle Quadrant	OC	PF A B C	EC
Linkages and Pulleys	OC	PF A B C	
<u>Engine Indicating, Chapter 77</u>			
Generator Tachometer	3,000	PF A B C	
Indicator Tachometer	3,000	PF A B C	
Indicator Pressure Ratio	5,000	PF A B C	
Indicator E.G.T.	5,000	PF A B C	
Transmitter E.P.R.	3,000	A B C	
<u>Exhaust, Chapter 78</u>			
Actuator Thrust Reverser	OC	PF A B C	EC
Reverser Thrust Assy.	1,800	B C	
<u>Oil, Chapter 79</u>			
Indicator Oil Pressure	3,000	PF A B C	EC
Indicator Oil Temperature	5,000	A B C	
Transmitter Oil Pressure	EO	A B C	

Effective date _____

FIGURE 32. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
SHORT TURBO-SKYVAN (SC-7)

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE - GENERAL SHORT TURBO-SKYVAN		
Thorough checks shall be accomplished at the following inspection periods and in accordance with the applicable procedures listed in ABC Airlines' Maintenance Manual.		
<u>INSPECTION PERIODS</u>		
A. Daily inspection to be accomplished before first flight each day. B. Inspection to be accomplished each 75 hours of aircraft flight time. C. Inspection to be accomplished each 300 hours of aircraft flight time. D. Inspection to be accomplished each 600 hours of aircraft flight time. E. Inspection to be accomplished each 900 hours of aircraft flight time. F. Inspection to be accomplished each 1200 hours of aircraft flight time.		
Other repetitive inspections and special sampling programs are specified in notes.		
Where a calendar time is quoted as an alternative to aircraft flight time for overhaul, inspection or sampling; that which expires first shall be taken as the time at which the action called for is carried out.		
Abbreviations used in the Short Turbo-Skyvan Maintenance Specifications are defined as follows:		
EO = engine overhaul OC = on condition YRS = years		
<u>Note:</u> Inspection and overhaul periods for familiar aircraft parts, attachments, accessories and/or other items not specifically listed in this Standard Maintenance Specification, may be determined by the assigned inspector. Where this is not done, parts or subcomponents which are not listed, will be checked, inspected and/or overhauled at the same time limits specified for the component or accessory to which such parts or subcomponents are related.		
Effective date _____		

FIGURE 32. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
SHORT TURBO-SKYVAN (SC-7)

		OVERHAUL		INSPECTION AND CHECK PERIOD					
		HRS.	OR YRS.	PERIODIC OTHER					
Part D									
		UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY WASHINGTON		Form Approved, Budget Bureau No. 04-R075.					
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE SHORT TURBO-SKYVAN									
<u>Air Conditioning, Chapter 21</u>		10,000		A	B	C	D	E	F
Manual Regulator Valve		3,000/3 Yrs.							F
Compressor Bleed Valves, Rigid and Flexible Lines		10,000			C				Note 1
<u>Autopilot, Chapter 22</u>		May be determined by assigned inspector							
<u>Communications, Chapter 23</u>		May be determined by assigned inspector							
<u>Electrical Power, Chapter 24</u>		10,000		A	B	C	D	E	F
Undervoltage Unit		OC						E	
Transistorized Inverter		OC						E	
Contactor, Battery		6,000/5 Yrs.							F
Starter Generator		EO			B				
Magnetic Indicator		OC		A					F
Battery		OC			B				
Differential Relay		1,200				C			
Overvoltage Protector		1,000				C			
Contactor, Cross Couple		5 Yrs.							F
Voltage Regulator		1,000				C			
<u>Equipment & Furnishings, Chapter 25</u>		May be determined by assigned inspector							
<u>Fire Protection, Chapter 26</u>		10,000		A	B	C	D	E	F
Detector Elements		EO			B				F
Extinguisher - Engine		5 Yrs.		A					Note 2
Cartridge Unit		2 Yrs.			B				
<u>Flight Controls, Chapter 27</u>		10,000		A	B	C	D	E	F
Position Indicator System		6,000		A	C				
Cables, Turnbarrels, Pulleys Pushrods, Sprockets & Chains		OC							F Note 3
Effective date _____									

FIGURE 32. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
SHORT TURBO-SKYVAN (SC-7)

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE SHORT TURBO-SKYVAN						
		OVERHAUL HRS. OR YRS.	INSPECTION AND CHECK PERIOD			
			PERIODIC	OTHER		
<u>Fuel System, Chapter 28</u>		10,000	A B C D E F			
Flex Tanks	4 Yrs.		A		F	Note 4
Vent Valve	OC				F	
Collector Tank	10,000		A			Note 5
Booster Pump	1,000		B			
Filter	OC		A		F	Note 6
Pressure Switch	3,000/2 Yrs.				F	
Tank Units	4 Yrs.		A			Note 4
<u>Hydraulic System, Chapter 29</u>		10,000	A B C D E F			
Power Pack	5,000		A B C			
Emergency Accumulator	5,000		A B C			
Filter	OC					Note 6
Pressure Switch	2,000		A		F	
Vent Valve	2,000				F	
<u>Ice & Rain, Chapter 30</u>		10,000	A B C D E F			
De-Icer Boots	OC		A B			
Distributor Valve	2,400		B C			
Electronic Timer	2,400		C			
Regulating & Relief Valves	2,400				F	Note 7
Air Intake Anti-Icing Valve	1,200		C			
Contactors, Prop Anti-Icing	5,000				E	
Cyclic Timer	1,800				E	
<u>Instruments, Chapter 31</u>		May be determined by assigned inspector				
<u>Landing Gear, Chapter 32</u>		10,000	A B C D E F			
Main Leg Assembly	10,000		A B C			Note 8
Shock Absorber	10,000		A B C			Note 8
Steering Jack	5,000		A C			
Nose Gear Leg Assembly	10,000		A B C			Note 8
Brake Control Valve	5,000		A C			
Pressure Reducing Valve	5,000		A C			
Brake Master Cylinder	5,000		A B C			
Pressure Relay	2,400		C			
Wheels, Tires and Brakes	OC		A B C			
<u>Lights, Chapter 33</u>		May be determined by assigned inspector				
Effective date _____						

FIGURE 32. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
SHORT TURBO-SKYVAN (SC-7)

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE SHORT TURBO-SKYVAN					
	OVERHAUL HRS. OR YRS.	INSPECTION AND CHECK PERIOD PERIODIC OTHER			
<u>Navigation, Chapter 34</u> May be determined by assigned inspector					
<u>Oxygen, Chapter 35</u> May be determined by assigned inspector					
<u>Doors, Chapter 52</u>	10,000	A B C D E F			
Passenger/Crew Doors & Frames	10,000	A B C		Note 9	
Ditching Hatch & Frames	10,000	A B C		Note 9	
Rear Cargo Door & Frame	10,000	A B C		Note 9	
<u>Fuselage, General.</u>					
<u>Chapter 53</u>	10,000	A B C D E F			
Skin, Outside Surfaces	OC	A B C			
Internal Structure Including Windows & Frames	10,000	C		Note 9 & 10	
Floor Panels (Cabin)	10,000	A	F		Note 9
Floor Panels (Flight Deck)	10,000	A	F		Note 9
MLG Attach Fittings & Structure	Note 12	C		Note 12	
NLG Attach Fittings & Structure	10,000	C		Note 9	
Nose Fairing	OC	A	C		
Main Spars - Stub Wings	Note 12	F		Note 12	
<u>Nacelle Structure.</u>					
<u>Chapter 54</u>	10,000	A B C D E F			
External Structure	OC	A B			
Internal Structure	EO	C			
Attach Fittings and Structure	10,000	F		Note 11	
<u>Stabilizers and Stabilizer</u>					
<u>Control Surfaces.</u>					
<u>Chapter 55</u>	10,000	A B C D E F			
Exterior Surfaces, Stabilizers	OC	A B C			
Interior Structure, Stabilizers	10,000	E		Note 9	
Exterior Control Surfaces	OC	A	C		
Interior Control Surface Structure	10,000	E		Note 9	
Attach Fittings & Hinges	10,000	F		Note 9	
Effective date _____					

FIGURE 32. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
SHORT TURBO-SKYVAN (SC-7)

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE SHORT TURBO-SKYVAN					
		OVERHAUL HRS. OR YRS.	INSPECTION AND CHECK PERIOD		
			PERIODIC	OTHER	
<u>Windows, Chapter 56</u>		10,000	A B C D E F		
DV Window Lock Mechanism		OC	A C		
<u>Wings, Chapter 57</u>		10,000	A B C D E F		
Exterior Surfaces		OC	A B C		
Interior Structure		10,000		F	Note 9
Wing Strut Exterior Surface		OC	A B C		
Wing Strut Internal		10,000		F	Note 9
Wing Fuselage Attachments		10,000		F	Note 11
Attachment Strut/Wing		10,000	C	Note 11	
Aileron & Tab Exterior Surfaces		OC	A B C		
Aileron & Tab Internal Structure		10,000		E	Note 9
Flaps Exterior Surface		OC	A B C		
Flaps Interior Structure		10,000		E	Note 9
All Hinges & Brackets		10,000	A C	Note 9	
<u>Propeller, Chapter 61</u>		750	A B C		
Propeller FH 76		750	A B C		
Propeller Hub		750	A B C		
<u>Engine, Chapter 72</u>		750	A B C		
Astazou XII		750	A B C		
<u>Engine Controls, Chapter 76</u>		10,000	A B C D E F		
Cables, Turnbarrels and Pulleys					
Aft of Firewall		10,000	C	Note 3	
Prop Contactor Box		EO	B		
Automatic Control Box		EO	B		
Power Limiter		EO	B		
Leak Valve		EO	B		
Speed Governor		EO	B		
Pitch Motor		EO	B		
Prop Microswitch Assembly		EO	B		
Emergency FFP Stop Switch		EO	B		
<u>Engine Indicating, Chapter 77</u>		10,000	A B C D E F		
Power Indicator Potentiometer		OC	A	F	
Percent Power Indicator		6,000	A	F	
Jet Pipe Temp. Indicator		6,000	A	F	
<u>Exhaust, Chapter 78</u>		EO	A B C		
<u>Engine Oil, Chapter 79</u>		EO	A B C		

Effective date _____

FIGURE 32. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
SHORT TURBO-SKYVAN (SC-7)

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE SHORT TURBO-SKYVAN		
Note 1	Remove lagging at 2,500 and 5,000 hours for sample inspections in accordance with factory instructions.	
Note 2	Weigh bottles each 3 months. Hydrostatic test each 5 years.	
Note 3	Check cable tension each year.	
Note 4	Check tank quantity indicator capacitance units and internal surfaces of flex tanks every 2 years.	
Note 5	Check collector tank and negative "G" valve-vent, in accordance with factory instructions, when booster pump is changed.	
Note 6	Replace filter elements at times specified by factory.	
Note 7	Sample overhaul 1 valve at 1,200 hours.	
Note 8	Sample overhaul main gear and nose gear assemblies at 5,000 hours in conjunction with Note 11.	
Note 9	Sample overhaul of structure in accordance with factory instructions at 5,000 hours or 5 years.	
Note 10	Remove windows and skin access panels in accordance with factory instructions every 5,000 hours or 5 years in order to check for corrosion of skin and skin corrugations.	
Note 11	Remove and inspect sample bolts and/or pins in accordance with factory instructions every 5,000 hours.	
Note 12	Check for fatigue damage in accordance with factory instructions initially at 12,000 landings and each 2,000 landings thereafter until a total of 20,000 landings, then every 1,000 landings.	
Effective date _____		

FIGURE 33. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
SIKORSKY S-61L/N HELICOPTER

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE SIKORSKY S-61L/N HELICOPTER		
	Overhaul <u>Period</u>	<u>Inspection & Check Period</u>
<u>Air Conditioning, Chapter 21</u>		
Heater Assembly	9,000	
Ducting, Heater Compartment	2,000	
Fuel Control Assembly, Heater	O.C.	
Blower, Cabin Ventilation	2,000	
Relay, Blower, Heater	2,500	
Relay Heater, Ventilation Blower	O.C.	
Relay, Heater Overheat	O.C.	
Control Unit, Heater	O.C.	
Valve, Heater Fuel Shut-off	2,000	
Sensing Elements, Cabin Air	2,000	
D.C. Motor, Cabin Air Sensing	O.C.	
Ignition Unit	1,500	
Switch, Air Ram Pressure	2,000	
Switch, Thermal Overheat	O.C.	
Switch, Fan Thermal Overrun	O.C.	
Switch, Thermal Cycling	O.C.	
Switch, Outside Air Temperature	O.C.	
Sensing Element, Heater Discharge	O.C.	
Light, Warning	O.C.	
Circuit Breakers	O.C.	
Switches	O.C.	
Rheostat, Temperature Selector	O.C.	
Wiring and Connections	O.C.	
Ducting Installation, Cabin	9,000	
Air Vent Installation, Cabin	9,000	
Ducting Installation, Cockpit	9,000	
Lines and Fittings, Fuel (Airframe)	O.C.	
Relay, Time Delay	O.C.	
Valve, Backfire	O.C.	Functional Check
 <u>Automatic Flight Control System, Chapter 22</u> May be determined by the assigned inspector		
 <u>Communications System, Chapter 23</u> May be determined by the assigned inspector		
Effective date _____		

FIGURE 33. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
SIKORSKY S-61L/N HELICOPTER

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE SIKORSKY S-61L/N HELICOPTER		
	Overhaul Period	Inspection & Check Period
<u>Electrical Power, Chapter 24</u>		
<u>Power System DC</u>		
Battery	O.C.	
Relay, Battery	O.C.	
Regulator, Voltage (DC)	1,200	
Relay, Over Volt Field Control	1,200	
Generator/Motor	1,000	
Relays, Reverse Current	2,000	
Relay, External Power (DC)	O.C.	
Relay Motorizing	2,000	
Transformer Rectifier	1,500	
Receptacle, External Power (DC)	O.C.	
Support, Battery Vibration Absorber	1,000	
<u>Power System AC</u>		
Generators (AC)	1,500	
Brushless Type (AC)	2,500	
Regulators, Voltage (AC)	1,200	
Panels, Supervisory (AC)	1,200	
Line Contactors, Generators (AC)	2,000	
Relays, External (AC)	O.C.	
Relay, External Power Interlock	O.C.	
Contactor, Emergency Essential Bus	2,000	
Inverter	1,000	
Receptacle, External Power	O.C.	
Transformers, Power Step-Down	O.C.	
Test Receptacle, AC/DC	O.C.	
<u>AC & DC Systems</u>		
Wiring and Connections	O.C.	
Switches	O.C.	
Circuit Protectors	O.C.	
Relay, Inverter	O.C.	
Lights, Warning	O.C.	
Static Discharge Wicks	O.C.	
Relay, Inverter Transfer	O.C.	
<u>Equipment and Furnishing, Chapter 25</u>		
<u>First Aid Kits</u>		
Cabin, Passenger	O.C.	
Cockpit	O.C.	
Effective date _____		

FIGURE 33. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE - SIKORSKY S-61L/N HELICOPTER

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE SIKORSKY S-61L/N HELICOPTER		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Seats - Cockpit</u>		
Seat Belts	O.C.	
Shoulder Harnesses and Reels	9,000	
Seats	9,000	
<u>Seats - Passenger Cabin</u>		
Seat Belts	O.C.	
Seats and Attachments	9,000	
<u>Cabin Interior</u>		
Upholstery	O.C.	
Partition, Cabin Movable	O.C.	
<u>Fire Protection, Chapter 26</u>		
<u>Fire Detection System - Engine</u>		
Control Units, Fire detection	O.C.	
Sensing Loops and Fittings**	O.C.	Functional Check
Lights, Warning	O.C.	
Wiring and Connections	O.C.	
Circuit Protectors	O.C.	
Switches	O.C.	
<u>Fire Extinguisher - Hand</u>		
Cabin	O.C.	
Cockpit	O.C.	
<u>Fire Extinguishing System - Engine*</u>		
Lines and Nozzles *	Engine Change	
Handles, Fire Control	O.C.	
Switch, Fire Extinguishing	O.C.	
Container and Valve Assembly	O.C.	
Wiring and Connectors	O.C.	
Indicator, Thermal Discharge	O.C.	
Supports, Fire Extinguisher Container	O.C.	
*Directional Flow Check (Nitrogen or Smoke Source)		
**Functional Check - Scheduled Engine Change Using Jetcal Analyzer or Per Sikorsky Maintenance Manual		
Effective date _____		

FIGURE 33. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
SIKORSKY S-61L/N HELICOPTER

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE SIKORSKY S-61L/N HELICOPTER		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Fuel System, Chapter 28</u>	9,000	
<u>Tub Section</u>		
Tanks, Fuel	9,000	
Fuel Lines, Fittings	9,000	
Pumps, Booster	9,000	
Ejectors	9,000	
Fuel Filter, Airframe	9,000	
Valves, Manual Shut-off	9,000	
Valve, Cross-feed	9,000	
Pressure Switch, Pump Failure	9,000	
Vents, Fuel Tanks	9,000	
Drain Sumps	9,000	
Valves, Fuel Drain	9,000	
<u>Cabin Section Firewall</u>		
*Valves, Fuel Shut-off	9,000	Functional Check
Pressure Switches, Fuel Shut-off	9,000	
<u>Pressure Fueling System</u>		
Valves, High Level Shut-off	9,000	
Adapter, Fueling and Defueling	9,000	
Valve, Fueling and Defueling	9,000	
Float Switches, Intermediate Level Selector	O.C.	
Lines and Fittings, Fueling Adapter	9,000	
<u>Electrical System</u>		
Switches	O.C.	
Circuit Protectors	O.C.	
Lights, Warning	O.C.	
Wiring and Connections	O.C.	
Wiring & Conduits (Tank Cells)	O.C.	
Lights, Preset	O.C.	
* Functional Check at Engine Change		
Effective date _____		

FIGURE 33. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE - SIKORSKY S-61L/N HELICOPTER

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE SIKORSKY S-61L/N HELICOPTER		
	Overhaul Period	Inspection & Check Period
<u>Hydraulic Power, Chapter 29</u>	9,000	
<u>Primary Servo System</u>		
Reservoir	O.C.	
Pump	2,000	
Manifold Assembly (Includes 6 Items)	2,000	
Relief Valve		
Three-Way Solenoid Valve		
Filter (Pressure)		
Restrictors (By-Pass)		
Pressure Switch		
Snubber		
Check Valves	O.C.	
Hoses, Lines and Fittings	O.C.	
Switch, Servo Shut-off	O.C.	
Wiring and Connections	O.C.	
Lights, Warning	O.C.	
Circuit Protectors	O.C.	
<u>Auxiliary Servo System</u>		
Reservoir	O.C.	
Pump	2,000	
Manifold Assembly (Includes 6 Items)	2,000	
Relief Valve		
Three-Way Solenoid Valve		
Filter (Pressure)		
Restrictors (By-Pass)		
Pressure Switch		
Snubber		
Check Valves	O.C.	
Wiring and Connections	O.C.	
Switches, Stick Trim	O.C.	
Light, Warning	O.C.	
Filter, Auxiliary Servo	O.C.	
<u>Ice and Rain Protectors, Chapter 30</u>	9,000	
<u>Windshield Wiper System</u>		
Motor, Wiper	O.C.	
Converters	O.C.	
Arms and Blades, Wiper	O.C.	
Wiring and Connections	O.C.	
Switch	O.C.	
Effective date _____		

FIGURE 33. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
SIKORSKY S-61L/N HELICOPTER

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<u>Ice and Rain Protectors, Chapter 30 (Cont.)</u>	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Windshield Washer System</u>		
Reservoir	O.C.	
Surgenometer	O.C.	
Nozzles	O.C.	
Hoses, Lines and Fittings	O.C.	
<u>Windshield Anti-Icing System</u>		
Temperature Controller	O.C.	
Auto-Transformers	O.C.	
Windshield Panel, Electropane	O.C.	
Wiring and Connections	O.C.	
Switches	O.C.	
<u>Pitot Tube Heater System</u>		
Heads, Pitot Heat	O.C.	
Wiring and Connectors	O.C.	
Lights, Warning	O.C.	
Switches	O.C.	
Relays, Pitot Heater	O.C.	
<u>Instruments, Chapter 31</u>		
		9,000
<u>Power Plant Instruments</u>		
Indicators, Gas Generator	O.C.	
Indicators, Power Turbine Inlet Temp. (Howell Instrument Co.)	O.C.	
Indicators, Oil Temperature	O.C.	
Indicators, Oil Pressure	O.C.	
Transmitters, Oil Pressure Indicator	O.C.	
Indicators, Fuel Pressure	O.C.	
Transmitters, Fuel Pressure Indicator	O.C.	
Indicators, Triple Tachometer	O.C.	
Indicators, Torque Meter	O.C.	
Transmitters, Torque Meter Indicator	O.C.	
<u>Miscellaneous Instruments</u>		
Indicator, Transmission Oil Pressure	O.C.	
Transmitter, Trans. Oil Pressure Ind.	O.C.	
Indicator, Trans. Oil Temperature	O.C.	
Indicator, Primary Hydraulic Pressure	O.C.	
Indicator, Auxiliary Hyd. Pressure	O.C.	
Transmitter, Aux. Hyd. Press. Ind.	O.C.	
Indicator, Free Air Temperature	O.C.	
Effective date _____		

FIGURE 33. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE - SIKORSKY S-61L/N HELICOPTER

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE SIKORSKY S-61L/N HELICOPTER		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Miscellaneous Instruments (Cont.)</u>		
Ammeter-Voltmeter (DC)	O.C.	
Volt-Ammeter (AC)	O.C.	
Indicators, Fuel Quantity	O.C.	
Tank Probes, Fuel Quantity	9,000	
Control Units, Fuel Low Level	O.C.	
Sensors, Fuel Low Level	O.C.	
Wire and Connection	O.C.	
Lights, Low Level Warning	O.C.	
*Indicator, Landing Gear	O.C.	
Transmitter, Primary Hyd. Press. Ind.	O.C.	
<u>Landing Gear, Chapter 32</u>	9,000	
<u>Main Gear Installation</u>		
Strut Assemblies, Shock	5,000	
Wheels	O.C.	
Tires	O.C.	
Struts, Energy Absorbing	9,000	
Supports	9,000	
Attachment Fitting, Fuselage	9,000	
Fairing	O.C.	
Switches, Under Frequency Lockout Scissors	O.C.	
Wiring and Connections	O.C.	
*Hydraulic Pump and Motor Unit	2,000	
*Hydraulic Reservoir	2,000	
*Filters, Reservoir Panel	O.C.	
*Relief and Control Valves	O.C.	
*Plug Stat	O.C.	
*Mounting and Supports	O.C.	
*Lines and Fittings	O.C.	
*Drag Links Upper and Lower	5,000	
*Switches	O.C.	
*Control Unit	O.C.	
*Relays, Landing Gear	O.C.	
*Relay, Pump Motor	O.C.	
*Emergency Release Control	O.C.	
*Shock Strut and Trunnion Assembly	5,000	
*Retracting Cylinders	5,000	
*Emergency Release Pin, Cables, and Pulleys	O.C.	
*Uplock Cylinder	5,000	
*Emergency Air Bottle	O.C.	
*Valve, Gravity Emergency Release	O.C.	
* "N" MODEL ONLY		
Effective date _____		

FIGURE 33. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
SIKORSKY S-61L/N HELICOPTER

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE SIKORSKY S-61L/N HELICOPTER		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Tail Gear Installation</u>		
Shock Strut Installation	5,000	
Centering Cylinder	5,000	
Attachment, Fuselage	9,000	
Wheel	O.C.	
Tire	O.C.	
Control System, Tail Wheel Lock	O.C.	
Fairing	O.C.	
<u>Wheel Brake System</u>		
Brake Assemblies	O.C.	
Master Cylinders	9,000	
Mixing Valves, Wheel Brake	9,000	
Parking Brake Valve	9,000	
Hoses, Lines, Check Valves and Fittings	O.C.	
<u>Lights, Chapter 33</u>		
	9,000	
Light Assemblies Position	O.C.	
Light Assemblies, Anti-Collision	O.C.	
Light Assemblies, Retractable Landing	O.C.	
Spot Lights, Cockpit	O.C.	
Dome Light, Cockpit	O.C.	
Rheostat, Emergency	O.C.	
Light Assemblies, Instruments	O.C.	
Rheostats	O.C.	
Light, Master Warning	O.C.	
Panel Assemblies, Warning Light	O.C.	
Control Unit, Warning Light Dimming	O.C.	
Dome Lights, Cabin	O.C.	
Reading Lights, Passenger	O.C.	
Lights, Cabin Emergency	O.C.	
Lights, No Smoking	O.C.	
Lights, Fasten Seat Belts	O.C.	
Light Assemblies, Loading	O.C.	
Relay, Loading Light	O.C.	
Lights, Warning	O.C.	
Wiring and Connections	O.C.	
Switches	O.C.	
Riding Light	O.C.	
* "N" MODEL ONLY		
Effective date _____		

FIGURE 33. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
SIKORSKY S-61L/N HELICOPTER

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE SIKORSKY S-61L/N HELICOPTER		
	Overhaul <u>Period</u>	Inspection & <u>Check Period</u>
<u>Navigation, Chapter 34</u>		
<u>Flight and Navigation Instruments</u>		
Clocks (Wakeman)	O.C.	
Indicators, Turn and Slip (Allen)	O.C.	
Instantaneous Vert. Speed Indicator (IVIS) (Specialties Corp.)	O.C.	
Indicators, Altimeter (Kollsman)	O.C.	
Indicators, Airspeed (Kollsman)	O.C.	
Compass, Magnetic (U.S. Gage)	O.C.	
<u>Compass, C-4A or O-14A Gyrosyn System</u>		
Amplifier, Gyrosyn Compass	O.C.	
Flux Valve and Compensator Assembly	O.C.	
Control Unit, Gyrosyn Compass	O.C.	
Relay, Interlock (DC)	O.C.	
Relay, Interlock (AC)	O.C.	
Transformer, Power Adapter	O.C.	
Gyro and Sync Assembly	O.C.	
Servo Amplifier	O.C.	
Annunciator	O.C.	
<u>Vertical Gyro Installation</u>		
Indicator, Navigational Lear Model 4005A	2,500	
Gyros, Roll & Pitch Lear Model 7000B	1,500	
Amplifier Navig. Instrument Lear Model 5510B	O.C.	
Power Adapter Airframe Supplies	O.C.	
Wiring Connections	O.C.	
<u>Static & Pitot Systems</u>		
Lines and Fittings	O.C.	
Pitot-Static Mast	M&B OVHL	
<u>Doors, Chapter 52 *</u>		
<u>Cabin</u>		
Passenger Doors	9,000	
Release, Mechanisms Door Emergency	9,000	
Cargo Door	9,000	
Release Mechanism, Cargo Door	9,000	
Lights, Warning, Cargo and Passenger	O.C.	
* May be accomplished progressively by zones. (see zone table on page 12 of 15)		
Effective date _____		

FIGURE 33. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
SIKORSKY S-61L/N HELICOPTER

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE SIKORSKY S-61L/N HELICOPTER		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Doors, Chapter 52 (Cont.)</u>	9,000	
<u>Hull</u>		
Baggage Doors**	9,000	
Electronic Compartment Door	9,000	
Lights, Warning, Baggage & Electronic Door	O.C.	
<u>Upper Fuselage</u>		
Platforms, Engine Servicing	O.C.	
Platforms, Transmission Servicing	O.C.	
<u>Electrical Systems</u>		
Wiring & Connections, Warning Lights	O.C.	
Switches, Warning Light	O.C.	
<u>Fuselage, Chapter 53 *</u>	9,000	
Structure, Pylon (Zone 1)	9,000	
Structure, Upper Fuselage Engine Compartment (Zone 2)	9,000	
Structure, Upper Fuselage, Main Gear Box Compartment (Zone 3)	9,000	
Support, Main Gear Box (Zone 3)	9,000	
Structure, Tail Cone (Zone 4)	9,000	
Hull Structure (Zone 6)	9,000	
Structure, Cockpit (Zone 7)	9,000	
Structure, Electronics Compartment (Zone 7)	9,000	
Structure, Cabin (Zone 8)	9,000	
Structure, Hull (Zone 9)	9,000	
Sponsons	9,000	
<u>Stabilizers, Chapter 55 *</u>	9,000	
<u>Stabilizer Installation (Zone 1)</u>		
Structure, Stabilizer	9,000	
Attachment Fittings, Stabilizer	9,000	
Support, Tube, Stabilizer	9,000	
<u>Windows, Chapter 56 *</u>	9,000	
<u>Cockpit</u>		
Emergency Escape Exits	9,000	
Release Mechanism, Emergency (Airframe)	9,000	
Windshields and Windows	O.C.	
 **S-61 L Model Only		
* May be accomplished progressively by zones. (see zone table on page 12 of 15)		
Effective date _____		

FIGURE 33. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
SIKORSKY S-61L/N HELICOPTER

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE SIKORSKY S-61L/N HELICOPTER		
	Overhaul Period	Inspection & Check Period
<u>Windows, Chapter 56 (Cont.)</u>	9,000	
<u>Cabin</u>		
Windows *	O.C.	
Emergency Escape Exits	9,000	
Release Mechanism, Emergency (Airframe)	9,000	
<u>Rotor System, Chapter 65</u>	9,000	
<u>Main Rotor Head Installation</u>		
Blades	O.C.	
Main Rotor Head Assembly	1,250	
Azimuth Control Star Assembly	1,250	
Dampers	1,250	
Bifilar Vibration Assembly	Main Rotor Head O/H	
<u>Tail Rotor Installation</u>		
Blades	O.C.	
Hub Assembly	1,250	
<u>Flight Controls</u>		
Collective Pitch Assembly (Zone 7)	9,000	
Collective Pitch Assembly (Zone 8)	9,000	
Collective Balance Spring (Zone 7)	9,000	
Cyclic Pitch Assembly (Zone 3)	MGB O/H	
Cyclic Pitch Assembly (Zone 7)	9,000	
Cyclic Pitch Assembly (Zone 8)	9,000	
Rudder Flight Control Assembly (Zone 7)	9,000	
Mixing Unit	9,000	
Force Link Assembly	9,000	
Rudder Flight Control Assembly (Zone 1)	9,000	
Rudder Flight Control Assembly (Zone 4)	9,000	
Rudder Flight Control Assembly (Zone 8)	9,000	
Rudder Pedal Adjusting Installation (Zone 7)	9,000	
Negative Force Gradient Spring Assembly	9,000	
Primary Servos	1,250	
Auxiliary Servo with Beeper Trim Valves	1,250	
Rudder Control Cables	O.C.	
<u>Drive Shafts</u>		
Tail Drive Shaft, Section I	2,500	
Tail Drive shaft, Section II	2,500	
Tail Drive Shaft, Section III	2,500	
Tail Drive Shaft, Section IV	2,500	
Tail Drive Shaft, Section V	3,000	
Support, Tail Drive Shaft Bearings	2,500	

* May be accomplished progressively by zones.
(see zone table on page 12 of 15)

Effective date _____

FIGURE 33. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
SIKORSKY S-61L/N HELICOPTER

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE SIKORSKY S-61L/N HELICOPTER		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Rotor System, Chapter 65 (Cont.)</u>	9,000	
<u>Gear Boxes</u>		
Main Gear Box	1,250	
Intermediate Gear Box	3,000	
Tail Gear Box Installation	3,000	
Oil Cooler Installation, Main Gear Box	MGB O/H	
Supports, Oil Cooler Installation	O.C.	
Actuator, Rotor Brake Installation	MGB O/H	
Accumulator, Rotor Brake	9,000	
Relief Valve, Rotor Brake	O.C.	
Pressure Switch, Rotor Brake Warning Light	O.C.	
Master Cylinder, Rotor Brake	9,000	
Lines & Fittings, Rotor Brake Hydraulic	O.C.	
Pressure Switch, MGB Oil Warning	MGB O/H	
Lights, Warning	O.C.	
Wiring and Connections	O.C.	
Speed Switch, Motor/Generator (if installed)	MGB O/H	
 Note: Zones and areas referenced are as follows:		
ZONE	AREA	
1.	Pylon and Stabilizer - Station 622 Aft	
2.	Upper Fuselage, Engine Section - Station 178 - 247	
3.	Upper Fuselage, Main Gear Box - Station 247 - 362	
4.	Tail Cone - Station 493 - 622	
5.	Landing Gear (Main and Tail Gear)	
6.	Fuel Cells - Station 186 - 323 (Below Water Line 106)	
7.	Cockpit and Electronics - Station 0 - 110	
8.	Cabin - Station 110 - 493 (Above Water Line 106)	
9.	Hull - Station 110 - 186, 323 - 459 (Below Water Line 106)	
 <u>Powerplant - General, Chapter 71</u>	 1,800	
<u>Cowling</u>		
Fairing, Intake Duct	O.C.	
Cowling, Engine	O.C.	
Firewall	O.C.	
Fire Seal, Rear Support	O.C.	
 <u>Engine Suspension</u>		
Support, Rear	Eng. O/H	
Supports, Front	Eng. O/H	
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FIGURE 33. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE - SIKORSKY S-61L/N HELICOPTER

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SIKORSKY S-61L/N HELICOPTER		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Powerplant - General, Chapter 71 (Cont.)</u>	1,800	
<u>Drive Shaft Installation</u>		
Thomas Coupling and Adapter	Eng. O/H	
Drive Shaft	Eng. O/H	
Coupling, MGB Input (Drive Shaft Portion)	Eng. O/H	
<u>Instrumentation</u>		
Supports, Indicator Transmitters	9,000	
Lines and Fittings, Indicator Transmitters	O.C.	
Wiring and Connections	O.C.	
*Damper Weights and Clamps	O.C.	
<u>Engine, Chapter 72</u>	1,800	
<u>Engine</u>		
CT58-110-1	2,000**	
CT58-110-2	2,400**	
CT58-140-1	2,400**	
CT58-140-2	1,500**	
** Major Inspection as defined in G.E. O/H Manual SEI-102 (CT58-110 Engines) and SEI-183 (CT58-140 Engines) is required at the following intervals:		
CT58-110-1	600	
CT58-110-2	800	
CT58-140-1	800	
CT58-140-2	500	
Compressor Section	Eng. O/H	
Combustion & Gas Gen. Section	Eng. O/H	
Power Turbine Section	Eng. O/H	
Accy Dr. Assy.	Eng. O/H	
Flex. Dr. Shaft	Eng. O/H***	
***Lubrication required every 100 hours per SEI-101 or SEI-182.		
<u>Lubrication System (Engine)</u>		
Lines and Fittings	O.C.	
Lubrication Pump	Eng. O/H	
Oil Cooler	Eng. O/H	
* "N" MODEL ONLY		
Effective date _____		

FIGURE 33. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
SIKORSKY S-61L/N HELICOPTER

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE SIKORSKY S-61L/N HELICOPTER		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Fuel System (Engine), Chapter 73</u>		
Lines and Fittings	Eng. O/H	
Fuel Control Unit	O.C.	
Fuel Control Unit	1,600	
Flow Divider	Eng. O/H	
Fuel Pump	1,600	
Filter, Centrifugal	1,600	
Filter, Static	Eng. O/H	
<u>Ignition System, Chapter 74</u>		
Ignitor Unit	Eng. O/H	
Ignitor Plug	Eng. O/H	
Harness, Ignition	Eng. O/H	
<u>Air, Chapter 75</u>		
Starter Cover	Eng. O/H	
Starter Cover	O.C.	
Intake Duct, Engine Air	O.C.	
Boots, Intake Duct Anti-icing (Heating Element)	O.C.	
Thermal Switch, 40°F Warning	O.C.	
Control Unit, Intake Duct Anti-icing	O.C.	
Relay, Current Sensing, Warning Light	O.C.	
Switches, Control	O.C.	
Wiring and Connections	O.C.	
Lights, Warning	O.C.	
Relays, Engine Anti-Ice Solenoid	O.C.	
Valve, Anti-icing	Eng. O/H	
Lines and Fittings Anti-icing Valve	Eng. O/H	
Actuator, Variable Vane	Eng. O/H	
Pilot Valve, Variable Vane Actuator	1,600	
Lines and Fittings, Variable Vane Actuator	Eng. O/H	
Vane Actuator, Linkage and Cable	Eng. O/H	
Lines and Fittings Air Bleed Systems	Eng. O/H	
Lines and Fittings, Compressor Inlet Temp.	Eng. O/H	
Valve, Starting Bleed (CT58-140-1,140-2)	Eng. O/H	
<u>Engine Control System, Chapter 76</u>		
<u>Engine Control System</u>		
Control Quadrant Installation	9,000	
Cables, Control	9,000	
Pulleys, Control Cable	9,000	
Supports, Cable Pulleys	9,000	
Control Box, Engine	9,000	
Remote Topping Control Gear Box	9,000	
Remote Topping Control Rods	O.C.	

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FIGURE 33. OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE -
SIKORSKY S-61L/N HELICOPTER

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE SIKORSKY S-61L/N HELICOPTER		
	Overhaul Period	Inspection & Check Period
<u>Engine Control System, Chapter 76 (Cont.)</u>	Eng. O/H	
<u>Emergency Control System</u>		
Box Assembly, Teleflex	9,000	
Cables, Teleflex	9,000	
Conduit, Teleflex	9,000	
<u>Engine, Indicating, Chapter 77</u>	Eng. O/H	
Thermocouple Harnesses	Eng. O/H	
Thermocouple Units	O.C.	
Leads, Thermocouple	O.C.	
Generator, Gas Generator Tachometer	Eng. O/H	
Generator, Power Turbine Tachometer	Eng. O/H	
Wiring and Connections	O.C.	
<u>Engine Exhaust, Chapter 78</u>	O.C.	
Exhaust Tail Pipe (Airframe)	O.C.	
<u>Oil, Chapter 79</u>	Eng. O/H	
<u>Oil Tank Installation</u>		
Hose, Lines and Fittings	O.C.	
Support, Oil Tank	O.C.	
Oil Tank	O.C.	
Change Oil (Engine)	Eng. O/H	
Pressure Switches, Low Pressure Warning	O.C.	Functional Check
Bulb, Engine Oil Temperature	O.C.	
Wiring and Connections	O.C.	
Warning Lights, Oil Low Pressure	O.C.	
<u>Starting, Chapter 80</u>	Eng. O/H	
Starters	Eng. O/H	
Relays, Starters	Eng. O/H	
Wiring and Connections, Starter (Airframe)	O.C.	
Warning Lights, Starter Drop-Out Relay	O.C.	

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FIGURE 34. OPERATIONS SPECIFICATIONS,
AIRCRAFT MAINTENANCE - LEAR MODEL 24/24B/25

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OPERATIONS SPECIFICATIONS
AIRCRAFT MAINTENANCE - GENERAL
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Inspections shall be accomplished in accordance with the applicable procedures as listed in ABC Airlines Maintenance Manual.

Preflight (PF) shall be accomplished each service calendar day. Inspection shall be in accordance with the applicable procedures listed in ABC Airlines Maintenance Manual.

Station Check (SC) shall be accomplished at basic intervals of 100 flying hours. Inspection shall be in accordance with applicable procedures listed in ABC Airlines Maintenance Manual. During initial operation, the basic intervals for station checks will be evaluated in the following manner:

Ten inspections at 80 hours.*

Periodic Inspection (PI) shall be accomplished at intervals not to exceed 200 flying hours. Inspection shall be in accordance with the applicable procedures listed in ABC Airlines Maintenance Manual. During initial operation, the basic intervals for periodic inspections will be evaluated in the following manner:

Five inspections at 160 hours.*

*Note - Upon termination of the evaluation period, the assigned FAA maintenance and avionics inspectors will review the maintenance inspection findings and the operating history. If satisfactory, the carrier will be authorized to continue at the time established for the subsequent state, i.e.,

Station Check - 100 hours
Periodic Inspection - 200 hours

Overhaul times as listed in hours and years are maximum limits of whichever occurs first.

In addition to the preflight, periodic, and station checks there are "other" inspections required. These inspections are explained in the notes below or are self-explanatory.

Time retirement items must be replaced where "replace" is indicated. (Refer to FAA Approved Lear Report 24/25-847)

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FIGURE 34. OPERATIONS SPECIFICATIONS,
AIRCRAFT MAINTENANCE - LEAR MODEL 24/24B/25

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE - GENERAL LEAR MODEL 24/24B/25		
<p>NOTE 1: Insp. @ ea. 1,000 hrs. or once ea. 1 yr. (use Lear 1,000 hr.insp. form)**</p> <p>NOTE 2: Insp. @ ea. 5,000 hrs. or once ea. 5 yrs.(use Lear 5,000 hr.insp. form)**</p> <p>NOTE 3: Insp. @ Engine O/H or CHG.</p> <p>NOTE 4: Insp. @ ea. 2,500 hrs. (use Lear 2,500 hr. insp. form)**</p> <p>NOTE 5: Insp. @ ea. 500 hrs. or ea. 6 mos. (use Lear 500 hr. insp. form)**</p> <p>NOTE 6: Overhaul and hot section inspections in accordance with General Electric Service Bulletin (CJ 610) 72-43 (GEB No.4) Rev. 7, dated 11/29/68, or subsequent revisions which are FAA approved. The "Periodic Inspection" intervals mentioned in the above Service Bulletin will be adjusted to coincide with periodic inspection as set forth on Page 1 of this Specification.**</p> <p>NOTE 7: Yearly intervals, engine change, and engine overhaul.</p> <p>NOTE 8: Special inspections to be conducted in accordance with schedule and procedures set forth in Lear and General Electric Maintenance Manuals.**</p> <p>(**Specifically identify by revision number and/or date.)</p> <p><u>AVIONICS SYSTEMS.</u> The term "System" means all those interdependent subassemblies, component parts, etc., necessary for the proper functioning of the system as a whole. The term "Bench Check" includes calibration, if necessary, to return the unit to service.</p> <p>Aircraft shall not be utilized in air carrier or commercial operations unless:</p> <ul style="list-style-type: none">a. The aircraft and its component parts, accessories, and appliances are maintained in an airworthy condition in accordance with the schedule of maintenance and inspection functions and procedures set forth in the operator's maintenance manual.b. OC "On Condition" items will be maintained in continuous airworthiness condition by periodic and progressive inspections, checks, services, repair, and/or preventive maintenance and shall be appropriately described in the operator's maintenance manual.c. Parts or subcomponents, not listed below, will be checked, inspected, and/or overhauled at the same time limits specified for the component or accessory to which such parts or subcomponents are related. <p>Abbreviations used in the Lear Model 24/24B/25 maintenance specifications are defined as follows:</p> <ul style="list-style-type: none">BC - Indicates "Bench Check"EO - Indicates "Engine Overhaul"EC - Indicates "Engine Change"OC - Indicates "On Condition"HYD - Indicates "Hydrostatic Test"C - Indicates "Calibration"SI - Indicates "Special Inspections" <p>Effective date _____</p>		

FIGURE 34. OPERATIONS SPECIFICATIONS,
AIRCRAFT MAINTENANCE - LEAR MODEL 24/24B/25

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AIRCRAFT MAINTENANCE						
LEAR MODEL 24/24B/25						
		OVERHAUL	INSPECTION AND CHECK PERIOD			
		HOURS OR YRS.	PF	SC	PI	OTHER
<u>Air Conditioning, Chapter 21</u>		OC		X	X	
Pre-cooler	6,000	8			X	Note 1
Motor Compressor Assy.	6,000	8			X	Note 1
Condenser	6,000	8			X	Note 1
Compressor	3,000	3			X	Note 1
Cabin Rate of Climb Ind.	OC				X	BC/2 yrs.
Cabin Altitude Controller	5,000	4			X	Note 1
Cabin Altitude & Diff. Pressure	OC				X	BC/2 yrs.
Thermostat	OC				X	BC/2 yrs.
Outflow Valve	2,000	2			X	Note 1
Safety Valve	2,000	2			X	Note 1
Aneroid Sw.	OC				X	BC/4 yrs.
Flow Control Valve	4,000	4			X	Note 1
<u>Autopilot, Chapter 22</u>		OC		X	X	
Computer Amplifier	OC		X	X	X	BC Note 1
Flight Controller	OC		X	X	X	BC Note 1
Altitude Controller	OC		X	X	X	BC Note 1
Servo Pitch	OC		X	X	X	BC Note 1
Servo Yaw, Roll	OC		X	X	X	BC Note 1
Followup Pitch, Yaw & Roll	OC		X	X	X	
Rate Gyro	OC		X	X	X	BC Note 1
Effort Indicator	OC				X	
Lateral Accelerometer	OC				X	
Drum & Brkt. Assy. (Pitch)	OC			X	X	Note 5
Drum & Brkt. Assy. (Yaw)	OC			X	X	Note 5
Drum & Brkt. Assy. (Roll)	OC			X	X	Note 5
<u>Communications System, Chapter 23</u>		OC	X	X	X	
To be determined by assigned inspector.						
<u>Electrical System, Chapter 24</u>		OC		X	X	
Starter - Generators	OC			X	X	BC/800 hrs.
Battery N/C	OC			X	X	
Voltage Regulator	2,000				X	BC Note 5
Inverter	OC		X	X	X	BC Note 1
Standby Inverter	OC		X	X	X	BC Note 1
Emergency Battery with Inverter	2,000		X	X	X	BC Note 5
Electrical Warning Panel	OC		X	X	X	BC Note 1
AC Voltmeter	OC		X	X	X	BC Note 1
DC Voltmeter	OC		X	X	X	BC Note 1
Ammeters	OC		X	X	X	BC Note 1
Starter - Gen Control Panel	OC			X	X	BC Note 1

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FIGURE 34. OPERATIONS SPECIFICATIONS,
AIRCRAFT MAINTENANCE - LEAR MODEL 24/24B 25

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AIRCRAFT MAINTENANCE						
LEAR MODEL 24/24B/25						
		OVERHAUL	INSPECTION AND CHECK PERIOD			
		HOURS OR YRS.	PF	SC	PI	OTHER
<u>Equipment & Furnishings,</u>		OC		X	X	
<u>Chapter 25</u>						
Flotation Vests		OC	X	X	X	Note 1
Life Rafts		OC	X	X	X	Note 1
<u>Fire Protection, Chapter 26</u>		OC	X	X	X	
Containers		OC	X		X	HYD 5 Yrs. & Note 5
Two-way Check Valve		1			X	Note 5
Detector Sense Elements		OC			X	Note 1
Relay		OC			X	
Cartridges		Replace 3 yrs			X	
Pressure & Thermal Discharge		OC	X	X	X	
Portable Fire Extinguishers		OC	X	X	X	BC/12 mos.
<u>Flight Controls, Chapter 27</u>		OC	X	X	X	
Aileron Trim Motor		OC		X	X	Note 1
Rudder Trim Motor		OC		X	X	Note 1
Horizontal Stabilizer Trim Motor		500		X	X	
Aileron Actuator - Consisting of Yoke Assembly (P/N 2324511-1), Drive Clevis (P/N 2324512-3 or -5), Bearing Support Assembly (P/N 2324510-8), Drive Pulley Assembly (P/N 2324513-7-8-11 or -12), and Woodruff Key (P/N AN 280R40G)		Replace 20,000			X	Note 1
Speed Brake Actuator		OC			X	Note 1
Speed Brake Valve Restrictor		OC			X	Note 1
Spoiler Control Valve		OC			X	Note 1
Flap Control Valve		OC			X	Note 1
Flap Actuator		OC		X	X	Note 1
Aileron Trim Indicator		OC		X	X	Note 1
Rudder Trim Indicator		OC		X	X	Note 1
Stabilizer Trim Indicator		OC		X	X	Note 1
Control Cables		OC			X	Note 1
Control Column		OC			X	Note 4

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FIGURE 34. OPERATIONS SPECIFICATIONS,
AIRCRAFT MAINTENANCE - LEAR MODEL 24/24B/25

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LEAR MODEL 24/24B/25						
		OVERHAUL	INSPECTION AND CHECK PERIOD			
		HOURS OR YRS.	PF	SC	PI	OTHER
<u>Fuel System, Chapter 28</u>		OC	X	X	X	
Fuel Quantity Indicator		OC			X	
Fuel Quantity Selector Switch		OC			X	
Fuel Quantity Probe Indicator		OC			X	
Fuel Quantity Probe OB Wing		OC			X	
Fuel Quantity Probe Tip Tank		OC			X	
Fuel Quantity Probe Fuselage		OC			X	
Fuel Pump, Standby	8,000				X	
Fuel Pump, Jet	OC				X	
Motive Flow Valves	10,000 10				X	Note 2
Firewall Shutoff Valves	10,000 10				X	Note 2
Crossfeed Valve	10,000 10				X	Note 2
Fuel Cell	OC				X	SI/6 mos.
Fuselage Defuel Valve	10,000 10				X	Note 2
Low Press. Fuel Filter	OC				X	Note 1
Fuel Vent Check Valves	OC				X	Note 1
Fuel Transfer Pump	8,000				X	
Fuselage Fuel Pump	8,000				X	
<u>Hydraulic System, Chapter 29</u>		OC	X	X	X	
Hydraulic Pressure Indicator	* OC				X	
Accumulator	5,000	5			X	
Hydraulic Shutoff	5,000	5			X	
Relief Valve	5,000	5			X	
Pressure Regulator	5,000	5			X	
Hydraulic Pump (Electric)	OC				X	Note 1
Engine Pump (Hyd)	EO				X	
<u>Ice & Rain, Chapter 30</u>		OC	X	X	X	
Boots - Electric	OC		X	X	X	Note 1
Pump - Alcohol	OC				X	Note 1
Tank	OC			X	X	Note 1
Pressure Switch	OC				X	Note 1
Defog Valve	OC			X	X	Note 1
Defog Ducts & Nozzles	OC			X	X	Note 1
Defog Automatic Control	OC			X	X	Note 1
Timer - Electric Boot	OC				X	Note 1
Valve - Wing Anti-ice	OC			X	X	Note 1
Sensors - Duct Temp.	OC				X	Note 1
<u>Instruments, Chapter 31</u>		OC	X	X	X	
To be determined by the assigned inspector.						
Effective date _____						

FIGURE 34. OPERATIONS SPECIFICATIONS;
AIRCRAFT MAINTENANCE - LEAR MODEL 24/24B/25

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LEAR MODEL 24/24B/25						
		OVERHAUL	INSPECTION AND CHECK PERIOD			
		HOURS OR YRS.	PF	SC	PI	OTHER
<u>Landing Gear, Chapter 32</u>	OC		X	X	X	
Power Brake Valve	OC			X	X	Note 2
Parking Brake Valve	OC			X	X	Note 2
Hydraulic Shuttle Valve	OC			X	X	Note 2
Priority Valve (nose)	OC			X	X	Note 2
Emergency Air Pressure Ind.	OC			X	X	Note 2
Door Uplock Actuator	OC			X	X	Note 2
Main Gear Door Actuator	OC			X	X	Note 2
Gear Extension Valve	OC			X	X	Note 2
Emergency Brake Valve	OC			X	X	Note 2
Gear Door Sequence Valve	OC			X	X	Note 2
Shuttle Valve (Gear Door)	OC			X	X	Note 2
Shuttle Valve (Gear Actuator)	OC			X	X	Note 2
Gear Selector Valve	OC			X	X	Note 2
Landing Gear Actuator (Main Gear)	Replace 5,000 hrs.			X	X	
Brake Assembly	OC		X	X	X	
Wheel Assembly	OC		X	X	X	
Solenoid Valve (Antiskid)	OC			X	X	Note 2
Shuttle Valve (Antiskid)	OC			X	X	Note 2
Hydraulic Fuse (Antiskid)	OC			X	X	Note 2
Actuator (nose gear)	Replace 20,000 hrs.			X	X	
Shuttle Valve	OC			X	X	Note 2
Strut Nose	Replace 20,000 hrs.			X	X	
Oleo Strut Main	Replace 5,000 hrs.	X	X	X	X	
Emergency Air Bottle	12 yrs. scrap	X	X	X	X	HYD 3 yrs.
Tires	OC		X	X	X	
Nose Wheel Steering Actuator	3,000			X	X	
Nose Wheel Steering Amplifier	OC			X	X	BC/1 yr.
Antiskid Generator	OC			X	X	
Antiskid Amplifier	OC			X	X	BC/1 yr.
<u>Lights, Chapter 33</u>	OC		X	X	X	
All lights	OC		X	X	X	
<u>Navigation System, Chapter 34</u>	OC			X	X	
To be determined by assigned inspector.						
Effective date _____						

FIGURE 34. OPERATIONS SPECIFICATIONS,
AIRCRAFT MAINTENANCE - LEAR MODEL 24/24B/25

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE LEAR MODEL 24/24B/25						
		OVERHAUL	INSPECTION AND CHECK PERIOD			
		HOURS OR YRS.	PF	SC	PI	OTHER
<u>Oxygen System, Chapter 35</u>		OC	X	X	X	
Oxygen Bottle & Regulator		OC			X	5 yrs. HYD
Oxygen Pressure Switch		OC			X	Note 1
Aneroid Pressure Switch		OC			X	Note 1
Oxygen Masks (Crew & Cabin)		OC			X	
Oxygen Pressure Gage		OC			X	
<u>Doors, Chapter 52</u>		OC	X	X	X	
Actuator		OC	X	X	X	Note 1
Cabin Door Assembly		OC	X	X	X	
Emergency Exits		OC	X		X	Operate at PI
<u>Fuselage, Chapter 53</u>		OC	X	X	X	
Forward Fuselage		OC	X	X	X	
Cockpit Area		OC	X	X	X	
Tail Cone		OC	X	X	X	
Fuselage Special Inspection						Note 8
Cabin Area		OC	X	X	X	
<u>Engine Pylon & Nacelle, Chapter 54</u>		OC	X	X	X	
Engine Mounts and (Rubbers)	1,000				X	Note 3
Engine Yoke Assy.	Replace 20,000				X	Note 1
Pylon Beams						Note 8 EC
Engine Mount Fittings		EC				Note 8 EC
Beam to Fuselage Fittings		EC				Note 8 EC

Effective date _____

FIGURE 34. OPERATIONS SPECIFICATIONS,
AIRCRAFT MAINTENANCE - LEAR MODEL 24/24B/25

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OPERATIONS SPECIFICATIONS					
AIRCRAFT MAINTENANCE					
LEAR MODEL 24/24B/25					
	OVERHAUL HOURS OR YRS.	INSPECTION AND CHECK PERIOD			
		PF	SC	PI	OTHER
<u>Stabilizers, Chapter 55</u>	OC	X	X	X	
Severe Turbulence and/or Maneuvers					Note 8
Horizontal Stabilizer Assy. Includes hinge fittings and actuator bracket	Replace 16,000			X	SI/1,000 hrs.
Horizontal Stabilizer Hinge pin	Replace 16,000			X	SI/5,000 hrs.
Vertical Stabilizer Hinge Assembly (2331025-1)	Replace 16,000			X	SI/5,000 hrs.
NAS 464P6 - Stabilizer Actuator Attach Bolts	Replace 5,000			X	SI/1,000 hrs.
Elevator Installation Includes hinge and hinge supports, torque tube, bell cranks, and dual push- pull tubes.	Replace 16,000	X	X	X	SI/1,000 hrs.
Rudder Surface, Hinges and Hinge Support	Replace 15,500	X	X	X	Note 1
Vertical Stabilizer	OC	X	X	X	Note 1
<u>Windows, Chapter 56</u>	OC	X	X	X	
All, including windshield	OC	X	X	X	
<u>Wings, Chapter 57</u>	OC	X	X	X	Notes 1 & 2
Hard and/or Overweight Landing Inspection					Note 8
Severe Turbulence or Maneuvers Inspection					Note 8
Wing Flap Assembly, Includes surface, track & roller mechanism, actuator hinge, & associated support structure	Replace 19,300			X	SI/1,000 hrs.
Aileron Surface, Hinge & Fittings Support P/N 2324011-181-2,-1	Replace 20,000		X	X	
Aileron Surface, Hinge & Hinge Support, all others than above	Replace 5,000	X	X	X	SI/1,000 hrs.
Aileron Drive Yoke Bolt (P/N NAS 1304-34H) Note: See Lear SB 23/24/25-193A	Replace 1,000			X	SI/500 hrs.
Special Inspection					Note 8

Effective date _____

**FIGURE 34. OPERATIONS SPECIFICATIONS,
AIRCRAFT MAINTENANCE - LEAR MODEL 24/24B/25**

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**OPERATIONS SPECIFICATIONS
AIRCRAFT MAINTENANCE
LEAR MODEL 24/24B/25**

	OVERHAUL HOURS OR YRS.	INSPECTION AND CHECK PERIOD			
		PF	SC	PI	OTHER
<u>Engine Turbine, Chapter 72</u>	OC	X	X	X	
General Electric CJ-610 Series	Note 8	X	X	X	Hot Section Note 6 Note 8
Overspeed and/or Overtemp.					
<u>Engine Fuel and Control, Chapter 73</u>	EO		X	X	
Fuel Flow Meters	OC			X	
Fuel Pump	8,000			X	
<u>Ignition, Chapter 74</u>	EO				
Ignitor Plug	OC		X	X	
<u>Engine Controls, Chapter 76</u>	EO	X	X	X	
<u>Engine Indicating, Chapter 77</u>	OC	X	X	X	
Tachometer Generator	OC	X	X	X	Note 7
Tachometer Indicator	OC	X	X	X	C Note 7
EPR Indicator	OC	X	X	X	C Note 7
Exhaust Temp. Ind.	OC	X	X	X	C Note 7
Fuel Flow and Indicator	OC	X	X	X	C Note 7
Oil Pressure Indicator	OC	X	X	X	C Note 7
Engine Oil Pressure Trans.	OC	X	X	X	C Note 7
Low Oil Pressure Warning Switch	OC	X	X	X	C Note 7
Oil Temp. Bulb	OC	X	X	X	Note 7
<u>Exhaust, Chapter 78</u>	OC	X	X	X	
Tail Cone	EO	X	X	X	
<u>Oil, Chapter 79</u>	EO	X	X	X	
Oil Tank	EO	X	X	X	
Oil Pump	EO		X	X	

Effective date _____

**FIGURE 35. OPERATIONS SPECIFICATIONS,
AIRCRAFT MAINTENANCE - FAN JET FALCON**

UNITED STATES OF AMERICA
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WASHINGTON

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**OPERATIONS SPECIFICATIONS
AIRCRAFT MAINTENANCE - GENERAL
FAN JET FALCON**

Aircraft shall not be utilized in air carrier or commercial operations unless:

- a. The aircraft and its component parts, accessories, and appliances are maintained in an airworthy condition in accordance with the schedule of maintenance and inspection functions and procedures set forth in the operator's maintenance manual.
- b. OC "On Condition" items will be maintained in continuous airworthiness condition by periodic and progressive inspections, checks, services, repair, and/or preventive maintenance and shall be appropriately described in the operator's maintenance manual.
- c. Parts or subcomponents not listed below will be checked, inspected, and/or overhauled at the same time limits specified for the component or accessory to which such parts or subcomponents are related.

Abbreviations used in the Fan Jet Falcon maintenance specifications are defined as follows:

FC - Indicates "Functional Check"
BC - Indicates "Bench Check"
EO - Indicates "Engine Overhaul"
EC - Indicates "Engine Change"
OC - Indicates "On Condition"
HYD - Indicates "Hydrostatic Test"
CAL - Indicates "Calibration"
OP - Indicates "Operational Check"

Inspection, replacement, and/or overhaul of fatigue critical parts having service life limits will be accomplished as listed, and in accordance with the S.G.A.C. - Approved Flight Manuals for Fan Jet Falcon and Fan Jet Falcon Series C, D, E, and F.

Preflight Inspection

To be accomplished each service calendar day.

PVO Inspection/Check

To be accomplished at intervals not to exceed 100 flight hours.

PV1 Inspection/Check

To be accomplished at intervals not to exceed 400 flight hours.

PV2 Inspection/Check

To be accomplished at intervals not to exceed 1200 flight hours.

Effective date _____

**FIGURE 35. OPERATIONS SPECIFICATIONS,
AIRCRAFT MAINTENANCE - FAN JET FALCON**

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**OPERATIONS SPECIFICATIONS
AIRCRAFT MAINTENANCE - GENERAL
FAN JET FALCON**

GV Inspection/Check

To be accomplished at intervals not to exceed 2400 flight hours.

Special Inspections

The frequency and procedure for performing special inspections will be accomplished as specified in the operator's maintenance manual.

Overhaul and inspection/check period time limitations specified in hours and calendar time are maximum limits of whichever occurs first.

Effective date _____

**FIGURE 35. OPERATIONS SPECIFICATIONS,
AIRCRAFT MAINTENANCE - FAN JET FALCON**

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE FAN JET FALCON						
	OVERHAUL HOURS/YRS.	PVO	PV1	PV2	GV	OTHER
<u>Air Conditioning, Chapter 21</u>	OC	X	X	X	X	
Turbo Compressor	2,400	X	X	X	X	
Regulating Valve	2,400		X	X	X	
Flow Limiter	4,800		X	X	X	
Temperature Control Valve	OC		X	X	X	FC-PV2
Electrical/Radio Rack Blowers	2,400			X	X	FC-PV2
<u>Autopilot, Chapter 22</u>	OC	X	X	X	X	
Pedestal Controller	OC	X	X	X	X	BC-PV2
Computer Amplifier	OC			X	X	BC-PV2
Servos	2,400		X	X	X	
<u>Communications, Chapter 23</u>	OC	X	X	X	X	
To be determined by assigned inspector.						
<u>Electrical, Chapter 24</u>	OC	X	X	X	X	
Inverter	2,400		X	X	X	Check Brushes PVI
Inverter, Static (Voice Recorder Emergency)	2,400	X				
Starter Generator	EO	X	X	X	X	Check Brushes PVI
Battery Blower	2,400	X	X	X	X	
<u>Equipment & Furnishings, Chapter 25</u>	OC	X	X	X	X	
<u>Fire Protection, Chapter 26</u>	OC	X	X	X	X	
Fire Extinguisher Bottle	OC	X	X	X	X	1 yr. WGT CHK/HYD 5yr
H ₂ O Fire Extinguisher	OC	X				6 mo. WGT CHK
CO ₂ Fire Extinguisher	OC	X				6 mo. WGT CHK/HYD 5yr
Detector Control	OC	X				FC-PV1
<u>Flight Controls, Chapter 27</u>	OC	X	X	X	X	
Double Hydraulic Servo Control Jack Aileron	2,700	X	X	X	X	FC-PV2
Double Hydraulic Servo Control Jack Elevator	2,700	X	X	X	X	FC-PV2
Double Hydraulic Servo Control Jack Rudder	2,700	X	X	X	X	FC-PV2

Effective date _____

**FIGURE 35. OPERATIONS SPECIFICATIONS,
AIRCRAFT MAINTENANCE - FAN JET FALCON**

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE FAN JET FALCON							
		OVERHAUL HOURS/YRS.	INSPECTION & CHECK PERIOD				
			PV0	PV1	PV2	GV	OTHER
<u>Chapter 27 (cont'd)</u>							
Variable Bellcrank, Aileron	3,600		X	X	X		FC-PV2
Variable Bellcrank, Elevator	3,600		X	X	X		FC-PV2
Trim Jack, Aileron	3,600		X	X	X		FC-PV2
Trim Jack, Rudder	3,600		X	X	X		FC-PV2
Yaw Damp Jack System	1,800		X	X	X		FC-PV2
Aux. Artificial Feel, Aileron	5,000			X	X		
Aux. Artificial Feel, Elevator	5,000			X	X		
Aux. Artificial Feel, Rudder	5,000			X	X		
Tailplane Electric Actuator	2,400	X		X	X		FC-PV2
Droop Leading Edge Jack	3,600			X	X		FC-PV2
Trim & Air Brake Control Box	3,600			X	X		FC-PV2
Wing Flap Control Assembly	3,600	X		X	X		FC-PV2
Wing Flap Jack	3,600	X		X	X		FC-PV2
Droop Leading Edge & Flap Control Box	3,600	X		X	X		FC-PV2
<u>Fuel System, Chapter 28</u>							
Rear Compartment Tank	OC	X	X	X	X		
Fuel Heater	2,000		X	X	X		
Wing Tank Press Reducing Valve	3,600			X	X		CAL-PV2
Rear Compartment Tank Press Reducing Valve	3,600			X	X		CAL-PV2
Dual Fuel Quantity Indicators	1,500		X	X	X		CAL-PV2
Fuel Transfer Pump	2,400	X	X	X	X		Check Brushes PV2
Fuel Shut Off Valve	4,800	X	X	X	X		
L. P. Crossfeed Valve	OC	X	X	X	X		FC-PV2
L. P. Fuel Pumps	OC	X	X	X	X		FC-PV2
<u>Hydraulic System, Chapter 29</u>							
Hydraulic Pump Engine Driven	EO	X	X	X	X		
Transfer Jack	4,800	X	X	X	X		
Electro Pump, Selector Valve	3,600	X	X	X	X		
Electro Pump	3,600	X	X	X	X		FC-PV2
<u>Ice & Rain, Chapter 30</u>							
	OC	X	X	X	X		
<u>Instruments, Chapter 31</u>							
	OC	X	X	X	X		
To be determined by assigned inspector.							
Effective date _____							

FIGURE 35. OPERATIONS SPECIFICATIONS
AIRCRAFT MAINTENANCE - FAN JET FALCON

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE FAN JET FALCON						
		OVERHAUL HOURS/YRS.	INSPECTION & CHECK PERIOD			
			PVO	PV1	PV2	GV OTHER
<u>Landing Gear, Chapter 32</u>		OC	X	X	X	X
Main Landing Gear		5,400	X	X	X	X
Nose Landing Gear		5,400	X	X	X	X
Landing Gear Door Locks		2,700	X	X	X	X
Parking Brake TelForce Cable		4,800/4		X	X	X
Anti-Skid Detectors		3,600	X	X	X	X
Nose Gear Wheel (P/N 9533961)		*700 ldgs.	X	X	X	X
						OP @ wheel or brake change *Scrap after 700 ldgs.
<u>Lights, Chapter 33</u>		OC	X	X	X	X
All Lights		OC	X	X	X	X
<u>Navigation, Chapter 34</u>		OC	X	X	X	X
To be determined by assigned inspector						
<u>Oxygen, Chapter 35</u>		OC	X	X	X	X
Oxygen Bottle		/3	X	X	X	X
Pressure Reducing Valve		/3	X	X	X	X
High Pressure Gauge		/3	X	X	X	X
Crew Oxygen Mask		/3	X	X	X	X
Altitude Sensitive Switch		/3	X	X	X	X
Filler Connection		/3	X	X	X	X
Solenoid Valve		/3	X	X	X	X
Shut Off Valve		/3	X	X	X	X
<u>Pneumatic, Chapter 36</u>		OC	X	X	X	X
Valve, Nacelle Deicing		2,400			X	
Valve, Bleed Air		2,400			X	
Valve, Conditioning		2,400			X	
Valve, Wing Deicing		2,400			X	
<u>Drag Chute, Chapter 39</u>		OC	X	X	X	X
*F.C. to be carried out every time drag chute has been used or at least every 6 mo. in case of nonoperation.						*6 Mos.
<u>APU, Chapter 49</u>		OC	X	X	X	X
APU		600 opns. hrs.	X	X	X	X

Effective date _____

FIGURE 36. OPERATIONS SPECIFICATIONS,
AIRCRAFT MAINTENANCE - HAWKER-SIDDELEY DH-125 SERIES

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OPERATIONS SPECIFICATIONS
AIRCRAFT MAINTENANCE - GENERAL
HAWKER SIDDELEY DH-125 SERIES

Thorough inspection shall be accomplished in accordance with the applicable procedures as listed in ABC Airlines Maintenance Manual.

Preflight (PF) shall be accomplished each service calendar day. Inspection shall be in accordance with the applicable procedures listed in ABC Airlines Maintenance Manual.

Period Inspections (PI) the procedure for the performance of period inspections will be accomplished as specified in ABC's Maintenance Manual. Period inspections must be accomplished at intervals not to exceed 160 flight hours.

Aircraft shall not be utilized in air carrier or commercial operations unless:

- a. The aircraft and its component parts, accessories, and appliances are maintained in an airworthy condition in accordance with the schedule of maintenance and inspection functions and procedures set forth in the operator's maintenance manual.
- b. OC "On Condition" items will be maintained in continuous airworthiness condition by periodic and progressive inspections, checks, services, repair, and/or preventive maintenance and shall be appropriately described in the operator's maintenance manual.
- c. Parts or sub-components not listed below will be checked, inspected and/or overhauled at the same time limits specified for the component or accessory to which such parts or sub-components are related.

Abbreviations used in the Hawker-Siddeley DH-125 maintenance specifications are defined as follows:

PF - Indicates "Preflight Inspection"
BC - Indicates "Bench Check"
EO - Indicates "Engine Overhaul"
EC - Indicates "Engine Change"
OC - Indicates "On Condition"
HYD - Indicates "Hydrostatic Test"
C - Indicates "Calibration"

Life Limited Components.

Numerous parts, affecting different models of the DH-125 Aircraft, are life limited and listed under Note 3 of FAA Type Certificate Data Sheet A3EU. The limitations must be adhered to as applicable to the various aircraft.

Effective date _____

FIGURE 36. OPERATIONS SPECIFICATIONS,
AIRCRAFT MAINTENANCE - HAWKER-SIDDELEY DH-125 SERIES

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE HAWKER-SIDDELEY DH-125 SERIES					
	OVERHAUL		INSPECTION AND CHECK PERIOD		
	LNDGS.	HOURS OR YRS	PF	PI	OTHER
<u>Air Conditioning, Chapter 21</u>		OC	X	X	
Air Jet Pump		3,000		X	
Air Needle Valve		OC		X	
APU Supply Check Valve		3,000		X	
APU Shut-off Valve		3,000		X	
Auxiliary Heating Valve		3,000		X	
Cabin Temperature Controller		OC		X	
Cabin Pressure Control		OC		X	
Fan Operated Venturi		3,000		X	
Flow Control Valve		3,000		X	
Initiation Air Valve		3,000		X	
Main Supply Check Valve		3,000		X	
Outflow and Safety Valve		3,000		X	
Pneumatic Relay		3,000		X	
Pressure Regulators		3,000		X	
Ram Air Check Valves		3,000		X	
Ram Air Valve		3,000		X	
Refrigeration By-Pass Valve		3,000		X	
Refrigeration Unit		2,000		X	
Turbine By-Pass Valve		3,000		X	
<u>Auto Pilot, Chapter 22</u>		OC	X	X	
Aileron Servo		3,000	X	X	
Air Speed Compensator		4,000		X	
Compass Amplifier		4,000	X	X	
Computer Amplifier		4,000	X	X	BC 1 Year
Controller, Pedestal		5,000	X	X	BC 1 Year
Elevator Servo		3,000	X	X	
Emergency Disconnect		4,000	X	X	
Instrument Amplifier		4,000	X	X	
Rudder Servo		3,000	X	X	
Servo Mount		5,000		X	
Steering Computer		4,000	X	X	
Trim Tab Servo		3,000	X	X	
Vertical, Yaw and Rate Gyros		4,000	X	X	
<u>Communications, Chapter 23</u>		OC	X	X	
To be determined by assigned inspector.					
Effective date _____					

FIGURE 36. OPERATIONS SPECIFICATIONS,
AIRCRAFT MAINTENANCE - HAWKER-SIDDELEY DH-125 SERIES

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE HAWKER-SIDDELEY DH-125 SERIES					
		OVERHAUL	INSPECTION AND CHECK PERIOD		
		LNDGS., HOURS OR YRS	PF	PI	OTHER
<u>Electrical System, Chapter 24</u>		OC	X	X	
Alternator		800	X	X	
Alternator Volt. Control Unit		2 Yrs.	X	X	
Compass Inverter		1,000	X	X	
Emergency Contactor		4,000		X	
Field Contactors		3,000		X	
Generator Contactors		2,000		X	
Generator Switching Units		2,000		X	
Ground Contactor		5,000		X	
Inverters #1 and #2		1,500 running Hrs.	X	X	
Inverter Control Relays		4,000		X	
Overspeed Relays		3,000		X	
Overspeed Relays		4,500		X	BC - 2250 Hrs.
Overspeed Unit		3,000		X	
Regulators		4,500		X	
Standby Inverter		1,500 running Hrs.	X	X	
Start and Battery Contactor		4,000		X	
Starter Buss Contactor		5,000		X	
Starter Generators		800	X	X	
Time Switch		4,000		X	
Voltage Sensing Unit		4,500		X	
Voltmeter		10,000	X	X	
<u>Equipment & Furnishings, Chapter 25</u>		OC	X	X	
To be determined by assigned inspector.					
<u>Fire Protection System, Chapter 26</u>		OC	X	X	
Actuator Cartridge		OC		X	Replace 2 Yrs.
APU Fire Detector		OC	X	X	
Container, Fire Extinguisher		OC	X	X	HYD 5 Yrs.
Dual Head Valves		OC		X	
Engine Fire Detection		OC	X	X	
Rear Equipment Bay Overheat		OC		X	
<u>Flight Control Systems, Chapter 27</u>		OC	X	X	
Airbrake and Lift Dump System		OC		X	
Flap System		OC	X	X	
Flap Control Unit		4,500		X	
Flap Jack Screws		3,000		X	
Stall Warning System		OC	X	X	
Stick Shaker System		4 Yrs.	X	X	
Trim Control Systems		OC		X	

Effective date _____

FIGURE 36. OPERATIONS SPECIFICATIONS,
AIRCRAFT MAINTENANCE-HAWKER-SIDDELEY DH-125 SERIES

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE HAWKER-SIDDELEY DH-125 SERIES				
		OVERHAUL LNDGS., HOURS OR YRS	INSPECTION AND CHECK PERIOD PF PI OTHER	
<u>Fuel System, Chapter 28</u>				
Boost Pumps	OC		X	X
Check Valves	1,000		X	X
Cross Feed System	6 Yrs.			X
Drain Valves	OC		X	X
Float Valves	6 Yrs.		X	X
Low Pressure, Transfer and Crossfeed Valves	4 Yrs.			X
<u>Hydraulic System, Chapter 29</u>				
Accumulators	OC		X	X
Aux. Hydraulic Low Level Light	3,000		X	X
Brake Modulator Units	OC			X
Cylinders:	3,000			X
Airbrake Actuating	3,000			X
MLG, Retraction	4,500 Lndgs			X
MLG, Door Actuating	3,000 Lndgs			X
NLG, Retraction	6,000 Lndgs			X
NLG, Steering	3,600 Lndgs			X
Wing Flap Actuating	3,000			X
Engine Driven Pumps	3,000			X
Flap Control Unit	4,500			X
Flow Indicator Unit	5,000			X
Hand Pump	5,000			X
Valves:				
Brake Emergency Reducer	3,000			X
Brake Control	3,000			X
Brake Shuttle	5,000			X
Check	5,000			X
Gear Extension Restrictor	5,000			X
Nose Gear Steering	5,000			X
Pump Cut-Out	2,500			X
Pressure Regulating	5,000			X
<u>Ice and Rain Protection, Chapter 30</u>				
Airframe Deicing Pump	OC		X	X
Fuel Filter Deice Pump	2 Yrs.			X
Ice Detector System	3 Yrs.			X
Pitot Heat System	4,500			X
Windshield Heat Control	OC		X	X
Windshield Deicer Hand Pump	3 Yrs.			X
Wing Deicer Check Valve	3,000/4 Yrs.			X
Wing Deicer Compensating Valve	3,000/4 Yrs.			X

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FIGURE 36. OPERATIONS SPECIFICATIONS,
AIRCRAFT MAINTENANCE-HAWKER-SIDDELEY DH-125 SERIES

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	OVERHAUL LNDGS., HOURS OR YRS	INSPECTION AND CHECK PERIOD	
		PF	PI OTHER
<u>Instruments, Chapter 31</u>	OC	X	X
To be determined by assigned inspector			
<u>Landing Gear, Chapter 32</u>	OC	X	X
Anti-Skid System	3,000 Lndgs	X	X
Landing Gear Control Unit	3,000 Lndgs		X
MLG Assembly	2,000 Lndgs	X	X
MLG Door Assembly	OC	X	X
MLG Mechanical Indicator	OC		X
NLG Assembly	3,000 Lndgs	X	X
NLG Door Assembly	OC	X	X
NLG Mechanical Indicator	OC		X
Parking Brake Control	OC	X	X
Wheels, Tires and Brakes	OC	X	X
<u>Lights, Chapter 33</u>	OC	X	X
Anti-Collision	OC	X	X
Central Warning Unit	OC	X	X
Exit Marking	OC	X	X
Landing	OC		X
Navigation	OC		X
Passenger Emergency	OC		X
Wing Ice Lights	OC		X
<u>Navigation, Chapter 34</u>	OC	X	X
To be determined by assigned inspector.			
<u>Oxygen, Chapter 35</u>	OC	X	X
Cylinders:			
Main	*OC	X	X *(4 Yrs. Hyd Check or cyl. replacement appropriate to Cyl)
Portable	*OC	X	X *(4 Yrs. Hyd Check or cyl. replacement appropriate to Cyl)
Masks	OC	X	X
Pressure Gage	OC	X	X
Pressure Regulator	OC	X	X
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FIGURE 36. OPERATIONS SPECIFICATIONS,
AIRCRAFT MAINTENANCE - HAWKER-SIDDELEY DH-125 SERIES

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE HAWKER-SIDDELEY DH-125 SERIES				
	OVERHAUL LNDGS., HOURS OR YRS	INSPECTION AND CHECK PERIOD		
		PF	PI	OTHER
<u>Oxygen, Chapter 35 (Cont'd)</u>				
Valves:				
Flow Selector	OC		X	
Charging	OC		X	
Supply Master	OC		X	
<u>Airborne Auxiliary Power, Chapter 49</u>				
Aux. Power Unit	1,000 APU Hrs.	X	X	
Fuel Filter	2,000 APU Hrs.	X	X	
Generator	OC		X	
Ignitor Unit	1,000 APU Hrs.	X	X	
Solenoid Fuel Valve	6,000 APU Hrs.	X	X	
Valve Fuel Check	4 Yrs.		X	
<u>Doors, Chapter 52</u>				
Cargo	OC	X	X	
Emergency Exits	OC		X	
Passenger	OC	X	X	
<u>Fuselage, Chapter 53</u>				
	OC	X	X	
<u>Nacelle/Pylons, Chapter 54</u>				
Airframe Engine Mount Brackets	10,000		X	
<u>Stabilizers, Chapter 55</u>				
Elevator and Rudder Hinge Fittings	OC	X	X	
Horizontal Stabilizer Attach Points	OC		X	
Vertical Stabilizer Attach Points	OC		X	
<u>Wings, Chapter 57</u>				
Internal Structure	OC	X	X	
<u>Engine, Chapter 72</u>				
Engine, Bristol Siddeley Viper	1,600	X	X	
Engine, Mount	OC		X	EC Detail Insp.
Engine, Cowling	OC	X	X	
Fire, Seal	OC		X	EC Detail Insp.
Tail Cone	OC		X	EC Detail Insp.
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FIGURE 36. OPERATIONS SPECIFICATIONS,
AIRCRAFT MAINTENANCE - HAWKER-SIDDELEY DH-125 SERIES

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE HAWKER-SIDDELEY DH-125 SERIES				
	OVERHAUL LNDGS., HOURS OR YRS	INSPECTION AND CHECK PERIOD		
		PF	PI	OTHER
<u>Engine Fuel System, Chapter 73</u>	OC	X	X	
Air/Fuel Ratio Control	EO		X	
Barometric Flow Control	EO	X	X	
Electric Pressure Control	EO	X	X	
Flowmeter Transmitter	EO	X	X	
Fuel Filter	EO		X	
Fuel Pump	EO		X	
Pressure Switches	EO		X	
Primer Solenoid	EO		X	
Pressure Increasing Valve	EO		X	
Rate Reset Valve	EO		X	
<u>Engine Ignition, Chapter 74</u>	OC	X	X	
Igniter Plug	375		X	
Exciter System	EO		X	
Glow Plugs	OC		X	
<u>Engine Bleed Air, Chapter 75</u>	OC	X	X	
Anti-Ice Valve	EO		X	
<u>Engine Controls, Chapter 76</u>	OC	X	X	
Power Control Linkage	OC	X	X	EC Detail Insp.
H.P. Fuel Cock Linkage	OC	X	X	
<u>Engine Indicating, Chapter 77</u>	OC	X	X	
Tach. Generator	EO		X	
EGT Probes	EO	X	X	
Power Loss Indicator	EO		X	
<u>Oil System, Chapter 79</u>	OC	X	X	
Pressure Indicator	3,000		X	
Pressure Transmitter	OC		X	C at EO
Tank	OC		X	EC Detail Insp.
Temperature Indic.	3,000		X	
Temperature Bulb	OC		X	C at EO

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OPERATIONS SPECIFICATIONS
AIRCRAFT MAINTENANCE - GENERAL
HFB 320 HANSA JET

Thorough inspection shall be accomplished in accordance with the applicable procedures as listed in ABC Airlines Maintenance Manual.

Preflight shall be accomplished each service calendar day. Inspection shall be in accordance with the applicable procedures listed in ABC Airlines Maintenance Manual.

Special Inspections

The frequency and procedure for performing special inspections will be accomplished as specified in the operator's maintenance manual.

Overhaul and inspection/check period time limitations specified in hours and calendar time are maximum limits of whichever occurs first.

Period Inspections (PI) Period inspections will be accomplished as specified in ABC Airlines Maintenance Manual.

Aircraft shall not be utilized in air carrier or commercial operations unless:

- a. The aircraft and its component parts, accessories, and appliances are maintained in an airworthy condition in accordance with the schedule of maintenance and inspection functions and procedures set forth in the operator's maintenance manual.
- b. OC "On Condition" items are maintained in continuous airworthiness condition by periodic and progressive inspections, checks, services, repairs, and/or preventive maintenance and shall be appropriately described in the operator's maintenance manual.
- c. Parts or subcomponents not listed below are checked, inspected and/or overhauled at the same time limits specified for the component or accessory to which such parts or subcomponents are related.
- d. FC/BC items are done in accordance with manufacturer's recommendations.

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**OPERATIONS SPECIFICATIONS
AIRCRAFT MAINTENANCE GENERAL
HFB 320 HANSA JET**

The following **PERIOD INSPECTIONS** will be accomplished in accordance with instructions contained in ABC Airlines Maintenance Manual.

1. POST FLIGHT INSPECTION

To be accomplished not to exceed 25 flying hours, as indicated by "X" under FO column on the following pages.

2. MID PERIOD INSPECTION

To be accomplished at intervals not to exceed 80 flying hours, as indicated by "X" under MP (PI) column on the following pages.

3. A PERIOD INSPECTION

To be accomplished at intervals not to exceed 150 flying hours, as indicated by "X" under A (PI) column on the following pages.

4. B PERIOD INSPECTION

To be accomplished at intervals not to exceed 300 flying hours, as indicated by "X" under B (PI) column on the following pages.

5. C PERIOD INSPECTION

To be accomplished at intervals not to exceed 600 flying hours, as indicated by "X" under C (PI) column on the following pages.

6. D PERIOD INSPECTION

To be accomplished at intervals not to exceed 1200 flying hours, as indicated by "X" under D (PI) column on the following pages.

7. E PERIOD INSPECTION

To be accomplished at intervals not to exceed 2400 flying hours, as indicated by "X" under E (PI) column on the following pages.

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OPERATIONS SPECIFICATIONS
AIRCRAFT MAINTENANCE GENERAL
HFB 320 HANSA JET

Abbreviations used in the HFB 320 Hansa Jet maintenance schedule are defined as follows:

- PO - Indicates Post Flight Inspection
- MP - Indicates Mid Period Inspection
- PI - Indicates Period Inspections
- HS - Indicates Engine Hot Section Inspection
- EC - Indicates Engine Change Inspection
- EO - Indicates Engine Overhaul
- OC - Indicates On Condition
- HYD - Indicates Hydrostatic Test
- CALIB - Indicates Calibration
- FC - Functional Check
- BC - Bench Check

Life Limited Components:

- | | |
|--|--------------|
| 1. Main Landing Gear P/N 320-50125/50150 | 15,000 hours |
| 2. Nose Landing Gear P/N 320-50165 | 15,000 hours |
| 3. Flap Assembly P/N 320-11700/12700 | 17,500 hours |
| 4. Frame 28 (Aircraft Serial No. 1023) | 10,000 hours |

The times quoted above are predicated on one landing per hour.

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HFB 320 HANSA JET

	OVERHAUL HOURS OR YRS.	PERIOD INSPECTIONS						
		PO	MP	A	B	C	D	E
<u>Air-Conditioning System, Chapter 21</u>	OC	X	X	X	X	X	X	X
Check Valves, APU, Air Conditioning	OC			X	X	X	X	X
Air Flow Regulator	4,000		X	X	X	X	X	X
Cabin Pressure Differential Indicator	2,400		X	X	X	X	X	X
Rate of Climb, Cabin Indicator	2,400		X	X	X	X	X	X
Altitude Selector	5,000		X	X	X	X	X	X
Valves, Control Bleed Air	3,000		X	X	X	X	X	X
Emergency Pressure Shutoff Valve	OC		X	X	X	X	X	X
Temperature Control Valve	3,000		X	X	X	X	X	X
Shutoff Valve	OC		X	X	X	X	X	X
Discharge Valve	3,000		X	X	X	X	X	X
Emergency Pressure Controller	4,000		X	X	X	X	X	X
Cabin Pressure Indicator	2,000		X	X	X	X	X	X
Air Drier	OC				X	X	X	X
Dump and Fresh Air Valve	OC		X	X	X	X	X	X
Pressure Differential Switch	OC		X	X	X	X	X	X
Temperature Sensors, Low and High Limit	OC					X	X	X
Water Extractor	OC		X	X	X	X	X	X
Heat Exchanger	OC		X	X	X	X	X	X
<u>Auto Pilot System - Chapter 22</u>	OC		X	X	X	X	X	X
Amplifier, Computer	OC (BC per * next page)				X	X	X	X
Trim Coupler	OC				X	X	X	X

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AIRCRAFT MAINTENANCE
HPB 320 HANSA JET

	OVERHAUL HOURS OR YRS.	PERIOD INSPECTIONS						
		PO	MP	A	B	C	D	E
<u>Auto Pilot System - Chapter 22 (Cont'd)</u>								
Airspeed Sensor and Switch	OC				X	X	X	X
Vertical and Yaw Rate Gyros	3,000				X	X	X	X
Altitude Control	OC				X	X	X	X
Servo Drives	3,000		X	X	X	X	X	X
Controller, Pedestal	3,600		X	X	X	X	X	X
Computers, Steering	OC			X	X	X	X	X
Emergency Disconnect Switch	OC				X	X	X	X
* Bench check in accordance with applicable Manufacturer's Overhaul Manual or equivalent instructions every 2,000 hours or 18 months, whichever occurs first.								
<u>Communications System, Chapter 23</u>	OC	X	X	X	X	X	X	X
To be determined by assigned inspector.								
<u>Electrical Power System - Chapter 24</u>	OC	X	X	X	X	X	X	X
Alternator	1,200	X	X	X	X	X	X	X
Regulators	OC	X	X	X	X	X	X	X
Current Transformers	OC				X	X	X	X
Volt and Ampere Meters	OC	X	X	X	X	X	X	X
Inverters	*1,000	X	X	X	X	X	X	X
*Inverter Operating Time								
Starter Generator	1,200	X	X	X	X	X	X	X
Battery	OC	X	X	X	X	X	X	X
Contactors, Main, Battery, Generator	OC				X	X	X	X

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	OVERHAUL HOURS OR YRS.	PERIOD INSPECTIONS						
		PO	MP	A	B	C	D	E
<u>Electrical Power System - Chapter 24</u> (Cont'd)								
Relays, Feeder Protection	OC		X	X	X	X	X	X
Relay, Bus Transfer	OC				X	X	X	X
Relay, Reverse Current	OC				X	X	X	X
<u>Equipment & Furnishings, Chapter 25</u> To be determined by assigned in- spector.	OC	X	X	X	X	X	X	X
Dragchute (Detail inspection 60-day deployed)	OC	X	X	X	X	X	X	X
<u>Fire Protection System, Chapter 26</u> (F/G every 24 months)	OC	X	X	X	X	X	X	X
Fire Extinguisher Assembly P/N F2718E/MS33514 or 1526/M33514 "Inspections, hydrostatic test, and life limits will be accomplished as set forth in Part 173, Chapter 1, Subtitle B of CFR 49 currently in effect."	OC	X	X	X	X	X	X	X
Check and Distributing Valves	2,000/5 yrs	X	X	X	X	X	X	X
Element, Sensing, APU Engine	1,500/3 yrs EO	X	X	X	X	X	X	X
Extinguisher, Portable "Inspections, hydrostatic test, and life limits will be accomplished as set forth in Part 173, Chapter 1, Subtitle B of CFR 49 currently in effect."	OC	X	X	X	X	X	X	X
<u>Flight Control System, Chapter 27</u>	OC	X	X	X	X	X	X	X
Gear Boxes	OC				X	X	X	X

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	OVERHAUL HOURS OR YRS.	PERIOD INSPECTIONS						
		PO	MP	A	B	C	D	E
<u>Flight Control System, Chapter 27</u>								
(Cont'd)								
Position Indicators:	OC	X	X	X	X	X	X	X
Aileron								
Rudder								
Flap								
Trim Actuators:								
Aileron	1,200			X	X	X	X	X
Rudder	OC			X	X	X	X	X
Elevator	4 years			X	X	X	X	X
Trim Switches:	OC	X	X	X	X	X	X	X
Rudder & Aileron								
Elevator								
Shutoff Valves	4 years				X	X	X	X
Anti-Stall Computer (BC 3,000 hours)	OC	X	X	X	X	X	X	X
Angle of Attack Sensor	OC	X	X	X	X	X	X	X
Stick Shaker	OC	X	X	X	X	X	X	X
Actuators:	2,400/4 yrs		X	X	X	X	X	X
Flap								
Slat								
Speed Brake								
Stick Pusher Cylinder	5 years	X	X	X	X	X	X	X
"Inspections, hydrostatic test, and life limits will be accomplished as set forth in Part 173, Chapter 1, Subtitle B of CFR 49 currently in effect."								
<u>Fuel System, Chapter 28</u>								
Relief Valves	OC			X	X	X	X	X
Pump, Fuel Boost	1,200/4 yrs	X	X	X	X	X	X	X
Normal								
Emergency								

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	OVERHAUL HOURS OR YRS.	PERIOD INSPECTIONS						
		PO	MP	A	B	C	D	E
<u>Fuel System, Chapter 28 (Cont'd)</u>								
Check Valves	OC			X	X	X	X	X
Methanol Tank	1,500/5 yrs	X	X	X	X	X	X	X
Quantity Transmitters	OC			X	X	X	X	X
Quantity Indicators	OC	X	X	X	X	X	X	X
Fuel Check Valve (APU)	OC		X	X	X	X	X	X
Shutoff Valve (APU)	OC		X	X	X	X	X	X
<u>Hydraulic Power, Chapter 29</u>								
Check Valves	OC			X	X	X	X	X
Pumps	2,000	X	X	X	X	X	X	X
Accumulators, Systems (4)	2,400/4 yrs	X	X	X	X	X	X	X
Accumulators, Nose Wheel Shimmy Damper	2,400/4 yrs	X	X	X	X	X	X	X
Air Pressure Regulator	OC				X	X	X	X
Reservoir	OC	X	X	X	X	X	X	X
Filters, Element	600		X	X	X	X	X	X
Pressure Control Valve	2,400				X	X	X	X
Valves, Shutoff	2,400			X	X	X	X	X
Valves, Relief	OC			X	X	X	X	X
Hand Pump	OC	X	X	X	X	X	X	X
Switches, Low Level, Low Pressure	OC				X	X	X	X
Temperature Indicator & Transmitter	OC	X	X	X	X	X	X	X
Pressure Indicator	OC	X	X	X	X	X	X	X
Pressure Transmitter	2,500	X	X	X	X	X	X	X

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	OVERHAUL HOURS OR YRS.	PERIOD INSPECTIONS						
		PO	MP	A	B	C	D	E
<u>Ice and Rain Protection System, Chapter 30</u>	OC	X	X	X	X	X	X	X
Pressure Switch, Engine De-ice	OC		X	X	X	X	X	X
Solenoid Valve, Engine De-ice	OC		X	X	X	X	X	X
Window Temperature Regulator	OC			X	X	X	X	X
Windshield Wiper Motor	OC				X	X	X	X
Wiper Gear Box	OC				X	X	X	X
De-ice and Anti-ice Warning Indicator	OC		X	X	X	X	X	X
De-icing and Anti-ice Control Box	OC			X	X	X	X	X
Static Ports	OC		X	X	X	X	X	X
Pitot Head, Fuselage	OC		X	X	X	X	X	X
Pitot Head, Tail	OC		X	X	X	X	X	X
<u>Instruments, Chapter 31</u> To be determined by assigned inspector	OC	X	X	X	X	X	X	X
<u>Landing Gear, Chapter 32</u>	OC	X	X	X	X	X	X	X
NLG Assembly	5,000	X	X	X	X	X	X	X
NLG Assembly	5,000	X	X	X	X	X	X	X
NLG Actuator Cylinder	2,400/4 yrs	X	X	X	X	X	X	X
NLG Actuator Cylinder	2,400/4 yrs	X	X	X	X	X	X	X
NLG Locking Cylinder	2,400/4 yrs	X	X	X	X	X	X	X
NLG Locking Cylinder	2,400/4 yrs	X	X	X	X	X	X	X
NLG Centering Cylinder	2,400/4 yrs	X	X	X	X	X	X	X

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	OVERHAUL HOURS OR YRS.	PERIOD INSPECTIONS						
		PO	MP	A	B	C	D	E
<u>Landing Gear, Chapter 32 (Cont'd)</u>								
Emergency Gear, Mechanical Shutoff Valve	2,400/4 yrs	X	X	X	X	X	X	X
Door Actuator Cylinder	2,400/4 yrs	X	X	X	X	X	X	X
Door Sequence Valves	2,400/4 yrs	X	X	X	X	X	X	X
Door Relief Valves	OC	X	X	X	X	X	X	X
Brake Control Valves	3,000/4 yrs	X	X	X	X	X	X	X
Master Cylinder	3,000/4 yrs	X	X	X	X	X	X	X
Emergency Brake Control Valve	3,000/4 yrs	X	X	X	X	X	X	X
Anti-Skid System:		X	X	X	X	X	X	X
Generator	OC							
Control Box	OC							
Control Valve	OC							
Steering Cylinders	2,400/4 yrs	X	X	X	X	X	X	X
Brake, Wheels and Tires	OC	X	X	X	X	X	X	X
Gear Selector Control Valves	2,400/4 yrs	X	X	X	X	X	X	X
<u>Lights, Chapter 33</u>	OC	X	X	X	X	X	X	X
Anti-Collision	OC	X	X	X	X	X	X	X
Landing	OC	X	X	X	X	X	X	X
Navigation	OC	X	X	X	X	X	X	X
Exit Markings	OC	X	X	X	X	X	X	X
Passenger Safety Lights	OC	X	X	X	X	X	X	X
Master Caution Light	OC	X	X	X	X	X	X	X
Warning Horn	OC	X	X	X	X	X	X	X

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HFB 320 HANSA JET

	OVERHAUL HOURS OR YRS.	PERIOD INSPECTIONS						
		PO	MP	A	B	C	D	E
<u>Navigation, Chapter 34</u>	OC	X	X	X	X	X	X	X
Flasher To be determined by assigned inspector.	2,400			X	X	X	X	X
<u>Oxygen, Chapter 35</u>	OC	X	X	X	X	X	X	X
Masks	OC	X	X	X	X	X	X	X
Pressure Reducer	3 years	X	X	X	X	X	X	X
Pressure Gauge	3 years	X	X	X	X	X	X	X
Orifice Block (silica gel)	2 years		X	X	X	X	X	X
Portable Bottle "Inspections, hydrostatic test, and life limits will be accomplished as set forth in Part 173, Chapter 1, Subtitle B of CFR 49 currently in effect."	OC	X	X	X	X	X	X	X
Cylinder "Inspections, hydrostatic test, and life limits will be accomplished as set forth in Part 173, Chapter 1, Subtitle B of CFR 49 currently in effect."	OC			X	X	X	X	X
<u>Airborne Auxiliary Power, Chapter 49</u>	OC	X	X	X	X	X	X	X
APU *(APU engine hours)	*250/500 starts	X	X	X	X	X	X	X
Panel, Control Regulator *(APU engine hours)	*250/500 starts	X	X	X	X	X	X	X
Starter/Generator *(APU engine hours)	*250/500 starts		X	X	X	X	X	X
<u>Doors, Chapter 52</u>	OC	X	X	X	X	X	X	X
Entrance	OC	X	X	X	X	X	X	X

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		OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE HFB 320 HANSA JET								
		OVERHAUL	PERIOD INSPECTIONS							
		HOURS OR YRS.	FO	MP	A	B	C	D	E	
<u>Doors, Chapter 52 (Cont'd)</u>										
Emergency Exits	OC	X	X	X	X	X	X	X	X	
<u>Fuselage, Chapter 53</u>		OC	X	X	X	X	X	X	X	
Inspect areas in accordance with the HFB 320 Hansa Jet Maintenance Manual.										
<u>Nacelle/Pylons, Chapter 54</u>		OC	X	X	X	X	X	X	X	
Fireseal Assembly	OC			X	X	X	X	X	X	
Engine Mount & Thrust Strut *(Detail Inspection at EC)	*OC			X	X	X	X	X	X	
Inspect areas in accordance with the HFB 320 Hansa Jet Maintenance Manual.										
<u>Stabilizers, Chapter 55</u>		OC	X	X	X	X	X	X	X	
Elevator and Rudder Hinges	OC	X	X	X	X	X	X	X	X	
Vortex Generators	OC	X	X	X	X	X	X	X	X	
Elevator and Rudder Balance Stops	OC			X	X	X	X	X	X	
Inspect areas in accordance with the HFB 320 Hansa Jet Maintenance Manual.										
<u>Windows, Chapter 56</u>		OC	X	X	X	X	X	X	X	
<u>Wings, Chapter 57</u>		OC	X	X	X	X	X	X	X	
Fuselage to Wing Connection Bolts *(Torque according to Maintenance Manual, Chapter 57-10-0)	*OC					X	X	X	X	
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AIRCRAFT MAINTENANCE
HFB 320 HANSA JET

Wings, Chapter 57 (Cont'd)	OVERHAUL HOURS OR YRS.	PERIOD INSPECTIONS						
		PO	MP	A	B	C	D	E
Tiptanks	OC	X	X	X	X	X	X	X
Fence	OC	X	X	X	X	X	X	X
Vortex Generators	OC	X	X	X	X	X	X	X
Slats	OC	X	X	X	X	X	X	X
Flaps	OC	X	X	X	X	X	X	X
Ailerons	OC	X	X	X	X	X	X	X
Speed Brakes	OC	X	X	X	X	X	X	X
Inspect areas in accordance with the HFB 320 Hansa Jet Maintenance Manual.								
<u>Engine, Chapter 72</u>	OC	X	X	X	X	X	X	X
Engine CJ-610-1 or -5	1,500 <u>*Note 1</u>	X	X	X	X	X	X	X
Engine - Hot Section	Hot Section <u>*Note 2</u>					X	X	
Engine Mount *Detail inspection EC	*OC			X	X	X	X	X
<u>Engine Fuel and Control, Chapter 73</u>	OC	X	X	X	X	X	X	X
Drain Valves	EO			X	X	X	X	X
Inlet Guide Vane Actuator	EO			X	X	X	X	X
Fuel Flow Transmitter	2,000	X	X	X	X	X	X	X
Fuel Flow Indicator	1,500	X	X	X	X	X	X	X
Fuel Pressure Transmitter	EO		X	X	X	X	X	X

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OPERATIONS SPECIFICATIONS
AIRCRAFT MAINTENANCE
HFB 320 HANSA JET

	OVERHAUL HOURS OR YRS.	PERIOD INSPECTION						
		PO	MP	A	B	C	D	E
<u>Engine Fuel and Control, Chapter 73 (Cont'd)</u>								
Fuel Pump	EO		X	X	X	X	X	X
<u>Ignition, Chapter 74</u>	OC	X	X	X	X	X	X	X
Plug, Igniter	375				X	X	X	X
Ignition Exciter Box	EO				X	X	X	X
<u>Air, Chapter 75</u>								
Bleed Air Valve	EO				X	X	X	X
Generator Cooling Duct	EO				X	X	X	X
<u>Engine Controls, Chapter 76</u>								
Thrust Control Unit	EO		X	X	X	X	X	X
Flex Ball Assembly	OC	X	X	X	X	X	X	X
<u>Engine Indicating, Chapter 77</u>								
Tach. Generator	5,000/4 yrs	X	X	X	X	X	X	X
E.P.R. Transmitter	EO	X	X	X	X	X	X	X
E.G.T. Thermocouple	EO	X	X	X	X	X	X	X
E.G.T. Indicator	OC	X	X	X	X	X	X	X
E.P.R. Indicator	3,000	X	X	X	X	X	X	X
Oil Temp. & Pressure Transmitters	OC	X	X	X	X	X	X	X
Oil Low Pressure Switch	OC	X	X	X	X	X	X	X
RPM Indicator	5,000/4 yrs	X	X	X	X	X	X	X

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HFB 320 HANSA JET

	OVERHAUL HOURS OR YRS.	PERIOD INSPECTIONS						
		PO	MP	A	B	C	D	E
<u>Exhaust, Chapter 78</u>	OC	X	X	X	X	X	X	X
Tail Cone	EO	X	X	X	X	X	X	X
<u>Oil, Chapter 79</u>	OC	X	X	X	X	X	X	X
Oil Tank	EC	X	X	X	X	X	X	X
Oil Pump	EO	X	X	X	X	X	X	X

Power Plant Notes

*Note 1: 1,800 depending on GE Bulletins accomplished.

*Note 2: Engine manufacturer recommendation.

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DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
Washington, D.C. 20501

Official Business

PENALTY FOR PRIVATE USE, \$300

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FIGURE 38. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - BOEING 727

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OPERATIONS SPECIFICATIONS
AIRCRAFT MAINTENANCE
BOEING 727

Inspection/Check Requirements

Checks shall be accomplished in accordance with the applicable procedures as listed in the airline's maintenance manual.

"A" Inspection/Check *

To be accomplished before exceeding thirty-five (35) hours flying time.

"B" Inspection/Check *

To be accomplished before exceeding three hundred (300) hours flying time.

"C" Inspection/Check *

To be accomplished before exceeding nine hundred (900) hours flying time.

"D" Inspection/Check **

To be accomplished before exceeding seven thousand (7,000) hours flying time. (Structural inspections - one-fourth of operators' fleet will be completed each 7,000 hours; i.e., one-fourth at 7,000; one-fourth at 14,000; one-fourth at 21,000; one-fourth at 28,000.)

NOTE:

* Revision to the times specified for the "A", "B", and "C" checks can be initiated after accumulation of satisfactory service experience by the submission of an amended Operations Specifications - Maintenance to the assigned inspector for consideration, handling, and approval.

** The "D" inspection is based on the premise that the details of the "A", "B", and "C" checks will be developed in sufficient depth to assure the airworthiness of the aircraft until the "D" inspection interval is reached.

FC - Functional check; check for security and proper operation.

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FIGURE 38. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - BOEING 727

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE BOEING 727		
	Overhaul Period	Inspection & Check Period
<u>Air Conditioning, Chapter 21</u>	O.C.	A,B,C,D
Air Distribution Selector Valve	O.C.	B,C
Air Conditioning Pack Temperature Indicator	O.C.	B,C
Air Cycle Machine	7,000	B,C
Air Condition Anti-Icing Valve	14,000	B,C
Air Conditioning Pack Shutoff Valve	7,000	B,C
APU Isolation Shutoff Valve	14,000	B,C
APU Bleed Check Valve	O.C.	B,C
APU Crossover Check Valve	O.C.	B,C
Cable Driven Ram Air Door Actuator	O.C.	B,3C
Control Cabin, Temperature Control Valve	O.C.	B,C
Cargo Heating Air Shutoff Valve	O.C.	B,3C
Cabin Temperature Indicator	O.C.	B,C
Cabin Pressure Manual Controller	O.C.	B,C,D
Cabin Pressure Automatic Controller	O.C.	B,C,D
Cabin Temperature Selector	O.C.	C,D
Cabin Air Check Valve 3½ in. Diameter	O.C.	B
Cabin Air Check Valve 4½ in. Diameter	O.C.	B,C
Fan Venturi	14,000	B,3C
Gasper Fan	3,500	B,C
Ground Air Mover Actuator Assembly	O.C.	B,C
Ground Air Mover Fan	7,000	B,C
Ground Air Connection Check Valve	O.C.	
Main Cabin Temperature Control	O.C.	B,C
Motor Driven Ram Air Door Actuator	7,000	B,C
Outflow Valve	7,000	A,B,3C
Pressure Equalizer Check Valve	O.C.	B,C,D
Primary Heat Exchanger	O.C.	B,C
Ram Air Shutoff Valve	O.C.	B,3C
Ram Air Exhaust Dampers	O.C.	B,3C
Secondary Heat Exchanger	O.C.	B,C
Valve Position Indicator	O.C.	B,C
Water Separator Anti-Icing Thermostat	7,000	B,C
Water Separator	O.C.	B,3C
Zone Temperature Control Air Shutoff	7,000	

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FIGURE 38. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - BOEING 727

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OPERATIONS SPECIFICATIONS
AIRCRAFT MAINTENANCE
BOEING 727

	Overhaul Period	Inspection & Check Period
<u>Auto Pilot, Chapter 22</u>	O.C.	A,B,C,D
Aileron Servo Motor and Drive Assembly	7,000	B,3C
Aileron Servo Stop Mechanism	7,000	B,C
Air Data Sensor	O.C.	B,C,D
Air Data Sensor Calibrator	O.C.	B,C,D
Control Panel	O.C.	B,C,D
Glideslope Indicator	O.C.	B,C,D
Position Sensor - Elevator and Elevator Trim	O.C.	B,C,D
Position Sensor - Spoiler	O.C.	B,C,D
Pitch Control Channel	7,000	B,C
Pitch Control Channel Calibrator	O.C.	B,C,D
Position Sensor - Rudder	O.C.	B,C,D
Roll Control Channel	7,000	B,C
Roll Control Channel Calibrator	O.C.	B,C,D
Rudder Trim and Position Indicator	O.C.	B,C,D
Stabilizer Trim Potentiometer	O.C.	B,C,D
Stabilizer Trim Servo	7,000	B,C
Trim Indicator - Elevator and Aileron	O.C.	B,C,D
Warning Light Flasher and Roll Limit Resistor Module	O.C.	B,C,D
Yaw Damper Coupler	7,000	B,C
Yaw Damper Coupler Calibrator	O.C.	B,C,D
<u>Communications, Chapter 23</u>	O.C.	A,B,C,D
The maintenance program (overhaul time and intermediate checks) for this chapter is to be established in the local Air Carrier District Office for all units of radio communication and radio navigation equipment.		
<u>Electrical System, Chapter 24</u>	O.C.	A,B,C,D
AC Voltmeter	O.C.	B,C
Battery Charger	O.C.	B,C
Bus Protection Panel	O.C.	B,C
Constant Speed Drive	3,000	B,C
Constant Speed Drive Oil Temperature Indicator	O.C.	B,C
DC Ammeter	O.C.	B,C
DC Voltmeter	O.C.	B,C
Essential Power Failure Relay	O.C.	B,3C

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FIGURE 38. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - BOEING 727

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE BOEING 727		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Electrical System, Chapter 24, continued</u>		
Essential Power Selector Relay	0.C.	A,B,C,D
External Power Transformer - Rectifier	0.C.	B,3C
Generator (40 KVA)	0.C.	B,C
Generator Drive Loud Controller	3,000	B,C
Generator Drive Loud Controller	0.C.	B,C
Generator Frequency Meter	0.C.	B,C
Generator Circuit Breaker	0.C.	B,C
Generator Control Panel	0.C.	B,C
Ground Power Relay	0.C.	B,C
Master Warning Control Unit	0.C.	B,3C
Reverse Current Contactor	12,000	B,3C
Static Inverter	0.C.	B,C
Transformer Rectifier	0.C.	B,C
Voltage Regulator	0.C.	B,C
<u>Equipment and Furnishings, Chapter 25</u>		
Equipment Air Flow Detector	0.C.	A,B,C,D
Electric Equipment Blower	0.C.	B,C
Equipment Cooling Air Shutoff Valve	6,000	B,C
	12,000	B,C
<u>Fire Protection, Chapter 26</u>		
Fire Extinguisher Bottle	0.C.	A,B,C,D
Lower Aft Body Overheat Control Unit	5 Years	B,C
Shutoff Valve (Directional Valve)	0.C.	B,C
Strut #1 and #3 Overheat Control Unit	12,000	B,C-FC
Wheel Well Fire Control Unit	0.C.	B,C
	0.C.	B,C
<u>Flight Controls, Chapter 27</u>		
Aileron Shutoff Valve Cartridge	0.C.	A,B,C,D
Aileron Lockout Gearbox, Outboard	14,000	B,C,D
Aileron Compensator Assembly	0.C.	B,C,D
Aileron Compensator Assembly	0.C.	B,C,D
Aileron Hydraulic Pressure Switch Assembly	0.C.	B,C,D
Aileron Control Disconnect Assembly	0.C.	B,C
Aileron Power Control Package	7,000	B,C
Control Column	0.C.	B,C,D
Elevator Hydraulic Shutoff Valve Cartridge	0.C.	B,C,D
Elevator Hydraulic Compensator Cartridge	14,000	B,C,D
Elevator Feel Control Assembly	0.C.	B,C,D
Elevator Hydraulic Pressure Switch Cartridge	7,000	B,C
	0.C.	B,C,D

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FIGURE 38. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - BOEING 727

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE BOEING 727		
	Overhaul Period	Inspection & Check Period
<u>Flight Controls, Chapter 27, continued</u>	O.C.	A,B,C,D
Elevator Feel Computer Package	7,000	B,C
Elevator Power Control Package	7,000	B,C
Flap Asymmetric Shutoff Valve	14,000	B,C
		FC-7,000
Flap Drive Gearbox Power Unit	14,000	B,C,D
Flap Drive Gearbox Alternate	14,000	B,C,D
Flap Drive Gearbox Assembly - Angle - Inboard	14,000	B,C,D
Flap Position Indicator	O.C.	C,D
Ground Speed Brake Actuator	14,000	B,C,D
Ground Speed Brake Hydraulic Control Valve	14,000	B,C,D
Ground Spoiler Shutoff Valve	14,000	B,C,D
Inboard Flap Flow Limiting Valve	14,000	3C,D
Inboard Flap Position Transmitter	14,000	B,C,D
Inboard Flap Drive Offset Gearbox	14,000	B,C,D
Leading Edge Flap Standby Hydraulic Motor	14,000	B,C,D
Leading Edge Flap Actuator and Shuttle Valve	14,000	B,C,D
Leading Edge Slat Actuator and Shuttle Valve	14,000	B,C,D
Leading Edge Flaps and Slats Control Valve	14,000	B,C,D
Leading Edge Flap and Slat Bypass Valve	14,000	B,C,D
Leading Edge Flap Position Switch	O.C.	B,C,D
Leading Edge Slat Position Switch	O.C.	B,C,D
Leading Edge Flap Flow Limiting Valve (Standby System)	14,000	B,C,D
Outboard Flap Flow Limiting Valve	14,000	B,C,D
Outboard Flap Drive Angle Gearbox	14,000	B,C,D
Outboard Trailing Edge Flap Transmission Assembly	14,000	B,C,D
Rudder Power Control Unit	14,000	B,C,D
Rudder Shutoff Valve Cartridge	14,000	B,C,D
Rudder Hydraulic Pressure Compensator Cartridge	O.C.	B,C,D
Rudder Hydraulic Pressure Switch Cartridge	O.C.	B,C,D
Rudder Trim Actuator	O.C.	B,C,D
Rudder Standby Power Control Unit	14,000	B,C,D
Spoiler Hydraulic Pressure Relief Valve Cartridge	14,000	B,C,D
Spoiler Hydraulic Shutoff Valve Cartridge	14,000	B,C,D
Spoiler Hydraulic Actuator Assembly	14,000	B,C,D

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FIGURE 38. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - BOEING 727

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE BOEING 727		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Flight Controls, Chapter 27, continued</u>	O.C.	A,B,C,D
Speed Brake Lever Control Brake Assembly	O.C.	B,C
Stabilizer Trim Actuator	7,000	B,C
Stabilizer Trim Drive Motor	7,000	B,C
Stabilizer Trim Brake	14,000	B,C
Spoiler Differential Mechanism Assembly	7,000	B,C
Trailing Edge Flap Bypass Valve	14,000	C,D
Trailing Edge Flap Hydraulic Motor	14,000	B,C
Trailing Edge Flap Control Valve	14,000	C,D
Trailing Edge Inboard Flap Transmission Assembly	12,000	C,D
Wing Flap Alternate Drive Motor	12,000	C,D
All Flight Control Cables shall be tension checked		D
<u>Fuel System, Chapter 28</u>	O.C.	A,B,C,D
Baffle Check Valve	O.C.	Inspect for condition any- time tank is open at the D check
Boost Pump	7,000	A,B,C,D
Boost Pump Removal Valve	O.C.	C,D
Boost Pump Bypass Check Valve	O.C.	C,D
Boost Pump Check Valve	7,000	
Boost Pump Vent Check Valve	7,000	
Engine Shutoff Valve	14,000	B,C
Fuel Manifold Crossfeed Valve	14,000	B,C
Fuel Dump Control Valve	7,000	
Fuel Dump Nozzle Shutoff Valve	14,000	B,C
Fueling Level Control Pilot Valve	O.C.	C,D
Fueling Level Control Shutoff Valve	14,000	
Fueling Shutoff Valve	14,000	
Fueling Manifold Vent Shutoff Valve	O.C.	C,D
Fuel Temperature Probe	O.C.	C,D
Fuel Temperature Indicator	O.C.	B,C,D
Fuel Quantity Indicator	O.C.	C,D
Fuel Quantity Tank Unit	O.C.	3C
Fuel Quantity Compensator	O.C.	3C,D
Fuel Quantity Total Indicator	O.C.	B,C,D
Manual Defueling Valve	O.C.	B,C
Tank Dump Valve	14,000	B,C

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FIGURE 38. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - BOEING 727

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE BOEING 727		
	Overhaul Period	Inspection & Check Period
<u>Hydraulic System, Chapter 29</u>	O.C.	A,B,C,D
Accumulator - System "A"	O.C.	C,D
Accumulator - System "B"	O.C.	C,D
Heat Exchanger Assembly	O.C.	C,D
Indicator, Hyd. Quantity System "A", "B" and "Standby" Reservoir	O.C.	B,C,D
Indicator, Remote Pressure	14,000	C,D
Interconnect Valve, System "A" and "B"	14,000	C,D
Manual Shutoff Valve Cartridge (System "A" Depressurization)	14,000	2C
Manual Reservoir Fill Selector Valve	O.C.	A,B
Overheat Sensing Switch	O.C.	2C,D
Pressure Operated Selector Valve Cartridge (Standby System)	14,000	B,C,D
Pump - Engine Driven	4,000	B,C,D
Pump - AC Motor Driven - System "B"	4,000	B,C,D
Pump - AC Motor Driven (Standby System)	14,000	C,D
Pump - Reservoir Pressure Filling	O.C.	C,D
Pneumatic Pressure Gage, Accumulator	O.C.	B,D
Reservoir - System "A"	O.C.	C,D
Reservoir - System "B"	O.C.	D
Reservoir - Standby System	O.C.	2C,D
Reservoir Pressure Regulating Valve	14,000	2C
Switch Assembly Cartridge, Hyd. Pressure	O.C.	2C,D
Transmitter - Liquid Level System "A"	O.C.	B,C,D
Transmitter - Liquid Level System "B"	O.C.	B,C,D
Transmitter - Liquid Level Standby System	O.C.	B,C,D
Transmitter - Accumulator Pressure	14,000	2C,D
Valve - Pressure Relief Cartridge - System "A"	14,000	2C
Valve Assembly - Hydraulic Suction Shutoff	14,000	2C,D
Valve Assembly Cartridge - Hyd. Motor Operated (Standby)	14,000	2C,D
Valve Cartridge - Pressure Relief - Standby and System "B"	14,000	2C,D
<u>Ice and Rain Protection, Chapter 30</u>	O.C.	A,B,C,D
Cowl Thermal Anti-Icing Shutoff Valve	14,000	C,D
Inlet Duct Shutoff Valve	14,000	C,D
Ice Detector	O.C.	C,D
Ice Detector Interpreter	O.C.	C,D

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FIGURE 38. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - BOEING 727

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE BOEING 727		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Ice and Rain Protection, Chapter 30,</u>		
<u>continued</u>		
Thermal Anti-Ice Shutoff Valve	O.C. 14,000	A,B,C,D C,D
Thermal Anti-Ice Engine Bleed Check Valve	O.C.	C,D
	Leakage check at engine OH	
Thermal Anti-Ice Duct Temperature Indicator	O.C.	C,D
Thermal Anti-Ice Isolation Shutoff Valve	14,000	C,D
Thermal Anti-Ice High Pressure Bleed Shutoff Valve	14,000	C,D
Thermostatic Modulating Valve	O.C.	Calibrate at EO
Windshield Wiper Motor	14,000	C,D
<u>Instruments, Chapter 31</u>		
The Maintenance Program (overhaul time and intermediate checks) for this chapter is to be established in the local Air Carrier District Office for all units in this system including the Flight Recorder.	O.C.	A,B,C,D
<u>Landing Gear, Chapter 32</u>		
Anti-Skid Brake Detector	O.C. 7,000	A,B,C,D B,C
Anti-Skid Control Shield	14,000	C,D
Brake System Interconnect Valve	14,000	C,D
Brake Interconnect Pressure Switch	14,000	C
Brake Interconnect Flow Limiting Valve	14,000	C
Brake System Accumulator	O.C.	B,C,D
Brake Pressure Indicator, Hydraulic	O.C.	B,C,D
Brake Pneumatic Control Valve	O.C.	D,FC
Brake Pneumatic Pressure Indicator	O.C.	B,C,D
Brake Accumulator & Air Bottle Pressure Gage	O.C.	B,C,D
Brake Accumulator & Air Bottle Pressure Transmitter	14,000	B,C,D
Brake Pneumatic System - Hydraulic Transfer Cylinder	O.C.	C,D
Brake Pneumatic Bottle	5 Years	B,C
Brake Deboost Valve	6,000	A,B,C
Gear Selector Valve	14,000	C,D
Gear Shuttle and Disconnect Valve	14,000	C,D
Main Gear Sequence Valve	14,000	C,D
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FIGURE 38. OPERATIONS SPECIFICATION AIRCRAFT
MAINTENANCE - BOEING 727

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE BOEING 727		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Landing Gear, Chapter 32, continued</u>	O.C.	A, B, C, D
Main Gear Brake Anti-Skid Valve	14,000	C, D
Main Gear Door Safety Valve	14,000	C, D
Main Gear Hydraulic Actuator	14,000	C, D
Main Gear Lock Actuator	14,000	C, D
Main Gear Lock System	O.C.	C, D
Main Gear Brake Metering Valve	7,000	C
Main Gear Door Sequence Valve	14,000	C, D
Main Gear Door Actuator	14,000	C, D
Main Gear Assembly (shock strut, side strut, drag strut & beam, support links, torsion links, axles)	14,000	A, B, C, D
Main Gear Axle Sleeve	O.C.	Wheel or brake change
Main Gear Wheel Assembly	O.C.	A, B, C Tire change
Main Gear Brake Assembly	O.C.	B
Nose Gear Assembly (shock strut, drag brace strut, torsion links, steering collar)	14,000	A, B, C, D
Nose Gear Wheel Assembly	O.C.	A, B, C Tire change
Nose Gear Brake Assembly	O.C.	B
Nose Gear Brake Anti-Skid Valve	14,000	C, D
Nose Gear Actuator	14,000	C, D
Nose Gear Steering Metering Valve	14,000	C, D
Nose Gear Steering Disconnect Valve	14,000	C, D
Nose Gear Bypass Valve	14,000	C, D
Nose Gear Lock	O.C.	C, D
Nose Gear Lock Actuator	14,000	C, D
Nose Gear Lock Retention	14,000	D
Nose Gear Variable Restrictor	14,000	C, D
Nose Gear Brake Metering Valve	7,000	C
Nose Gear Brake Pressure Reducer Valve	14,000	C, D
Switch Assembly - Hydraulic Pressure Cartridge	O.C.	C, D
Tail Skid Actuator	14,000	C, D

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FIGURE 38. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - BOEING 727

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE BOEING 727		
	Overhaul Period	Inspection & Check Period
<u>Lights, Chapter 33</u>		
Oscillating Navigation Light	O.C.	A,B,C,D
Rotating Beacon	O.C.	A,B
<u>Navigation, Chapter 34</u>		
Ammeter - Pitot Static Heat	O.C.	A,B,C,D
Airspeed Indicator - Air Data System	O.C.	C,D
Air Data Computer	7,000	C
Antenna - Glideslope	O.C.	B,C,D
ADF Sense Antenna Coupler	O.C.	B,C,D
ADF Loop Antenna	O.C.	B,C,D
Angle of Attach Vanes	O.C.	B,C,D
Control Column Shaker	O.C.	B,C,D
Inertial - Lead Vertical Speed Indicator	14,000	B,C
Machmeter	7,000	B,C
Mach Air Speed Warning Switch	O.C.	C,D
Marker Beacon Antenna	O.C.	C,D
Pitot Tube Probe	O.C.	C,D
Ram Air Temperature Indicator	O.C.	C,D
Ram Air Temperature Bulb	O.C.	C,D
Static Selector Valve	O.C.	C,D
Stall Warning Computer	O.C.	C,D
Total Air Temperature Probe	O.C.	C,D
Total Air Temperature Indicator	7,000	C
True Airspeed Indicator	14,000	B,C,D
<u>Oxygen System, Chapter 35</u>		
Crew Oxygen System Pressure	O.C.	A,B,C,D
Crew Oxygen Demand Regulator	14,000	C,D
Crew Oxygen System Pressure Reducer	7,000	C
Electro-Pneumatic Continuous Flow Control Unit	14,000	C,D
Oxygen Bottles	7,000	3C
Oxygen Bottles, Portable	5 Years	A,B,C,D
Oxygen Shutoff Valve	5 Years	A,B,C,D
Oxygen System Pressure Indicator	O.C.	D
Oxygen System Charging Valve	O.C.	A,B,C
Pneumatic Continuous Flow Control Unit	7,000	C
Passenger Oxygen System Latch, Valve and Manifold Assembly	7,000	3C
	O.C.	3C,D

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FIGURE 38. OPERATIONS SPECIFICATIONS AIRCRAFT
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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE BOEING 727		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Pneumatic, Chapter 36</u>	O.C.	A, B, C, D
Air Conditioning Airflow Control Valve	7,000	
Air Conditioning Airflow Sensing Venturi and Servo Unit	7,000	
Bleed Air Heat Exchanger Temperature Controller	O.C.	C, D
Dual Pneumatic Manifold Pressure Gage	O.C.	C, D
Engine Fan Air Modulating Valve	7,000	C
Engine Bleed Shutoff Valve	3,500	C
Engine No. 2 Bleed Air Shutoff Valve	14,000	C, D
Engine Bleed Air Isolation Shutoff Valve	14,000	C, D
Ground Cart Starting Pneumatic Connector	O.C.	C, D
Heat Exchanger - Pneumatic System	O.C.	C, D
High Pressure Bleed Modulating and Shutoff Valve	3,500	C
Pneumatic Manifold Air Pressure Transmitter	O.C.	C, D
<u>Water and Waste, Chapter 38</u>	O.C.	A, B, C, D
Systems shall be maintained	"On Condition"	
<u>Airborne Auxiliary Power, Chapter 49</u>	O.C.	A, B, C, D
Auxiliary Power Unit - Airborne	1,500	A, B, C
APU Exhaust Door Actuator	14,000	B, C
APU Fire Bottle	5 Years	B, C
<u>Structures, Chapter 50</u>	7,000 $\frac{1}{2}$	A, B, C, D
<u>Doors, Chapter 52</u>	7,000 $\frac{1}{2}$	A, B, C, D
Emergency Hatches	14,000 $\frac{1}{2}$	
<u>Fuselage, Chapter 53</u>	7,000 $\frac{1}{2}$	A, B, C, D
Fuselage Tension Bolts between BS 360 and 1183	14,000 $\frac{1}{2}$	
Fuselage Skin and Stringer Splices in Crown Area (Stringer S-6 and above) at BS 360, 480, 740, 870, 1080.45	14,000 $\frac{1}{2}$	
Fuselage Center Engine Inlet Duct	2,500	C
Fuselage Upper and Lower Torque Boxes	7,000	
Fuselage Frames at BS 760.95, 785.95, 804.5, 825.95 and 848.95	7,000 $\frac{1}{2}$	
Center Engine Support	3,000	

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FIGURE 38. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - BOEING 727

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE BOEING 727			
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>	
<u>Nacelles/Pylons, Chapter 54</u>			
Forward Engine Mount Fittings, Thrust Links and Aft Engine Mount Fittings	3,000	A,B,C,D	
<u>Stabilizers, Chapter 55</u>			
Horizontal Stabilizer Skin Panel	7,000	A,B,C,D	
Vertical Fin Skin Panels	3,500	B,C	
Elevator Tab	3,500	B,C	
Rudder Internal Structure	7,000 $\frac{1}{2}$	C	
Rudder Hinge Fittings	7,000 $\frac{1}{2}$	B,C	
Rudder Tabs	3,500	B,C	
<u>Wings, Chapter 57</u>			
Right and Left Wing Upper and Lower Interspar	7,000 $\frac{1}{2}$	A,B,C,D	
Lower Interspar Skin Under Wing Body Fairing and Wing Center Section	3,500	B,C	
Right and Left Wing Lower Surface at WS 224.5	7,000	B,C	
Wing Body Breather Web and BBL 13.0 Beam	7,000	C	
Right and Left Wing Terminal Forgings	7,000		
Right and Left Wing Body Bottle Pin Retaining Bolts and Forward Lug Retaining Bolt	7,000	C	
Main Landing Gear Rear Trunnion Support Beam and Attach Links	7,000	C	
Wing Trailing Edge Skin and Support Structure	7,000	C	
Flap Tracks, Carriages, Attachments, and Supports	7,000	B,C	
Inboard/Outboard Aileron Balance Panels	7,000	C	
Inboard/Outboard Aileron Adjustable Weights	7,000	C	
Inboard/Outboard Aileron Tabs	3,500	B,C	
<u>Engine Turbine, Chapter 72</u>			
Accessory and Component Drive Gear Box Section	3,000	A,B,C,D	
Air Inlet Section	3,000	B	
Combustion Section	3,000	A,B,C	
Compressor Section	3,000	PP NOTE 1	
Diffuser Section	3,000	A,B,C	
Exhaust Section	3,000	PP NOTE 1	
Fan Discharge Section	3,000	A,B,C	
Turbine Section	3,000	B,C	
Basic Engine Plumbing, Wiring, and Linkages	3,000	A,B,C	
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FIGURE 38. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - BOEING 727

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OPERATIONS SPECIFICATIONS
AIRCRAFT MAINTENANCE
BOEING 727

	Overhaul Period	Inspection & Check Period
<u>Engine Fuel and Control, Chapter 73</u>	O.C.	A,B,C,D
Burner Pressure Sense Line Drain	O.C.	B,C PP NOTE 4
Engine Driven Fuel Pump	6,000	B,C
Fuel Control Unit - Hamilton Standard JFC-60	6,000	B,C
Fuel Control Unit Inlet Temperature Sensor	6,000	A,B,C
Fuel Strainer (FCU)	6,000	B,C PP NOTE 2
Fuel Deicing System	O.C.	B,C PP NOTES 2&3
Fuel Flow Transmitter	6,000	B
Fuel Flow Indicator	6,000	C
Fuel Flow Power Supply Unit	6,000	
Pressure Differential Warning Transmitter	O.C.	B,C
Pressurizing and Dump Valve	O.C.	B,C
Plumbing and Wiring	O.C.	B,C
Fuel Heater	O.C.	
Fuel Deicing Air Valve	O.C.	
Fuel Pressure Drop Warning Switch	O.C.	
Fuel Deicing System Filter	O.C.	B,C
<u>Ignition, Chapter 74</u>	O.C.	A,B,C,D
High Tension Leads	3,000	B,C
Ignition Exciter Unit	O.C.	B,C
Igniter Plugs Champion AA72S Continuous Duty	O.C.	B,C
Igniter Plugs Champion AA72S Intermittent Duty	O.C.	B,C
Replaceable Gap Assembly	3,000	B,C
<u>Air, Chapter 75</u>	O.C.	A,B,C,D
Anti-Icing Air System Plumbing and Wiring	6,000	B,C
Compressor Inlet Anti-Icing Regulator	6,000	B,C
Compressor Inlet Anti-Icing Shutoff Valve	6,000	B,C
Compressor Bleed System Valves and Plumbing	6,000	
CSD Ejector Air Shutoff Valve	6,000	B
CSD Oil Cooler	6,000	B
Pressure Ratio Bleed Control	O.C.	B,C
Air Shutoff Valve and Actuator	O.C.	B,C
Anti-Icing Air Regulator	O.C.	B,C
<u>Engine Controls, Chapter 76</u>	O.C.	A,B,C
Engine Control Linkages	O.C.	B,C

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FIGURE 38. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - BOEING 727

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE BOEING 727		
	Overhaul Period	Inspection & Check Period
<u>Engine Indicating, Chapter 77</u>	O.C.	A,B,C
Engine Vibration Amplifier Unit	O.C.	C
Engine Vibration Indicator	O.C.	C
Engine Vibration Pickup	E.O.	B
Exhaust Gas Temperature Probes	O.C.	C
Exhaust Gas Temperature Indicator	O.C.	C
Exhaust Pressure Ratio Probes and Plumbing	O.C.	A,B,C
Engine Pressure Ratio Transmitter	E.O.	C
Engine Pressure Ratio Indicator	O.C.	C
Tachometer Generator	E.O.	B
Tachometer Indicators N ₁ and N ₂	O.C.	C
 <u>Exhaust, Chapter 78</u>	 O.C.	 A,B,C
Directional Valve Assembly	6,000	A,B
Thrust Reverser Actuator	O.C.	A,B
Thrust Reverser Assembly	O.C.	A,B
Thrust Reverser Sequence Valve	E.O.	
Thrust Reverser Indicating System		
 <u>Oil System, Chapter 79</u>	 O.C.	 A,B,C
Oil Tank and Stick Quantity Indicator	O.C.	A,B,C
Oil System Plumbing and Connections, Drain Valve	E.O.	B,C
Fuel and Oil Cooler and Temperature Regulator	E.O.	B,C
Engine Oil Pressure Transmitter	E.O.	B
Engine Oil Pressure Indicator	O.C.	C
Oil Quantity Indicator	O.C.	C
Oil Quantity Tank Unit	O.C.	B
Low Oil Pressure Switch	O.C.	B
Oil Filter Bypass Switch	E.O.	B
Oil Temperature Transmitter	O.C.	B
Oil Temperature Indicator	O.C.	C
Oil Strainer	O.C.	B,C
 <u>Starting System, Chapter 80</u>	 O.C.	 A,B,C
Pneumatic Starter	6,000	B,C
Starter Pressure Regulating and Shutoff Valve	6,000	B,C

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FIGURE 38. OPERATIONS SPECIFICATIONS AIRCRAFT
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OPERATIONS SPECIFICATIONS
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BOEING 727POWERPLANT NOTES

- NOTE 1. Access for inspection is impeded by engine fan duct. Specific instructions will be established by carriers to assure that flight crews are aware of indications of hot section case distress.
- NOTE 2. Filters should be cleaned within 150 hours.
- NOTE 3. Filter should be sampled daily on new aircraft or after tank repairs until residual debris is disposed of.
- NOTE 4. Drain at "B" check.

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FIGURE 39. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - DOUGLAS DC-9

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OPERATIONS SPECIFICATIONS
AIRCRAFT MAINTENANCE
DOUGLAS DC-9

Inspection/Check Requirements

Checks shall be accomplished in accordance with the applicable procedures as listed in the airline's maintenance manual.

"A" Inspection/Check *

To be accomplished before exceeding fifty (50) hours flying time.

"B" Inspection/Check *

To be accomplished before exceeding three hundred (300) hours flying time.

"C" Inspection/Check *

To be accomplished before exceeding nine hundred (900) hours flying time.

"D" Inspection/Check **

To be accomplished before exceeding seven thousand (7000) hours flying time. (One-fourth of fleet at 7000, one-fourth of fleet at 14,000, one-fourth of fleet at 21,000, and one-fourth of fleet at 28,000.)

NOTE:

- * Revision to the times specified for the "A", "B", and "C" checks can be initiated after accumulation of satisfactory service experience by the submission of an amended Operations Specifications - Maintenance to the assigned inspector for consideration, handling, and approval.
- ** The "D" inspection is based on the premise that the details of the "A", "B", and "C" checks will be developed in sufficient depth to assure the airworthiness of the aircraft until the "D" inspection interval is reached.

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FIGURE 39. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - DOUGLAS DC-9

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OPERATIONS SPECIFICATIONS
AIRCRAFT MAINTENANCE
DOUGLAS DC-9

	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Air Conditioning, Chapter 21</u>		
Valve - Ram Air	O.C.	A,B,C,D
Fan - Heat Exchanger Cooling Air	O.C.	C
Actuator - Valve, Cabin Air Outflow	7000	C,D
Controller - Cabin Pressure	7000	C,D
Regulator - Reset, Cabin Pressure Control	O.C.	C,D
Valve - Safety, Cabin Pressure	12,500	D
Valve - Pressure Regulator, Air Condition	14,000	C,D
Valve - Flow Control, Air Conditioning	14,000	C,D
Sensor - Pressure Differential, Cabin to Reference	12,500	C,D
Indicator - Pressure, Air Conditioning Supply	O.C.	C
Indicator - Cabin Rate of Climb	O.C.	C,D
Indicator - Cabin Differential Pressure and Altitude	O.C.	C,D
Turbine - Cooling	7000	C,D
Fan - Cooling, Radio Rack	7000	C,D
Switch - Differential Pressure, Fan	O.C.	C,D
Indicator - Position, Temp. Control Valve	O.C.	C,D
Transmitter - Temp. Control Valve, Position	O.C.	C,D
Indicator - Cabin Duct Temperature	O.C.	C,D
Thermostat - Water, Separator Discharge	7000	C,B
Valve - Temperature Control, Water Separator	12,500	C,D
<u>Auto Pilot, Chapter 22</u>		
Computer - Pitch Axis	O.C.	A,B,C,D
Computer - Roll Axis	7000	C,D
Computer - Stability Augmentation	7000	C,D
Actuator, Mach Trim and Yaw Damper	7000	C
Drive - Elevator and Aileron Servo	7000	C
Panel - Controller	O.C.	B,D
Indicator - Trim	O.C.	B,D
Computer - Air Data	O.C.	B,D

Communications, Chapter 23

The Maintenance Program (overhaul time and intermediate checks) for this chapter is to be established in the local Air Carrier District Office for all units of the communication systems.

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FIGURE 39. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - DOUGLAS DC-9

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-9		
	Overhaul Period	Inspection & Check Period
<u>Electrical System, Chapter 24</u>	O.C.	A,B,C,D
Transmission - Constant Speed Drive	3000	B
Heat Exchanger - Constant Speed Drive		
Oil Temperature	O.C.	C
Indicator - Constant Speed Drive Oil		
Temperature	O.C.	C,D
Generator, AC 40KVA	3000	B
Panel, Generator Control	O.C.	C,D
Panel, Bus Control	O.C.	C,D
Regulator, Voltage	O.C.	C,D
Relay - Generator, External Power,		
AC, Crosstie, APU	7000	C
Inverter Emergency	O.C.	C,D
Transformer Rectifier	O.C.	C,D
Battery Charger	O.C.	C,D
Loadmeter (AC and DC)	O.C.	C,D
AC Voltmeter	O.C.	C,D
Frequency Meter	O.C.	C,D
Battery	O.C.	C,D
DC Volt/Ammeter	O.C.	C,D
<u>Equipment and Furnishings, Chapter 25</u>	O.C.	A,B,C,D
Emergency Equipment	O.C.	A,B,C,D
Coffeemaker	O.C.	
Seat Belts	O.C.	A,B,C,D
<u>Fire Protection, Chapter 26</u>	O.C.	A,B,C,D
Fire Detector	O.C.	B
Control - Fire Warning Bell	O.C.	B
Control - Fire Warning Horn, APU	O.C.	B
Container - Fire Extinguisher	5 years	C,D
Cartridge - Dual Squib	4 years	C,D
<u>Flight Controls, Chapter 27</u>	O.C.	A,B,C,D
Actuator Aileron Trim	O.C.	C,D
Damper - Aileron and Elevator	14,000	C,D
Valve - Power Shutoff, Rudder Hydraulic	14,000	C,D
Damper - Rudder	14,000	C,D
Feel Spring - Rudder Trim and Load	O.C.	
Power Package - Hydraulic Rudder Control	14,000	C,D
Actuator Limiter - "Q" Bellows, Rudder		
Throw	O.C.	C,D

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FIGURE 39. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - DOUGLAS DC-9

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OPERATIONS SPECIFICATIONS
AIRCRAFT MAINTENANCE
DOUGLAS DC-9

	Overhaul Period	Inspection & Check Period
<u>Flight Controls, Chapter 27, continued</u>	O.C.	A,B,C,D
Valve - Elevator Control	14,000	C,D
Valve - Hydraulic Return Relief	14,000	C,D
Valve - Hydraulic Pressure Reducer and Bleed	14,000	C,D
Cylinder - Elevator Power Control	14,000	C,D
Accumulator - Hydraulic	O.C.	C,D
Switch - Elevator Press Low	O.C.	C,D
Motor Actuator - Primary Longitudinal Trim	14,000	C,D
Motor Actuator - Alternate Longitudinal Trim	14,000	C,D
Jack Screw	14,000	C,D
Box - Longitudinal Trim Gear	14,000	C,D
Valve - Wing Flap Control	14,000	C,D
Cylinder - Wing Flap Actuating	14,000	C,D
Transmitter - Flap Position	O.C.	C,D
Indicator - Flap Position, Dual	O.C.	C,D
Actuator - Ground Spoiler, Automatic	14,000	C,D
Valve - Ground Spoiler Control	14,000	C,D
Cylinder - Actuating Ground Spoiler	14,000	C,D
Actuator - Spoiler Flight	14,000	C,D
<u>Fuel System, Chapter 28</u>	O.C.	A,B,C,D
Pump - Boost Fuel	7000	C
Pump - Engine Start	7000	C,D
Valve - Pressure, Crossfeed (Mech)	14,000	C,D
Valve - Engine Fuel Fire Shutoff	14,000	C,D
Valve - APU - Fuel Shutoff (Solenoid)	14,000	C,D
Indicator - Fuel Quantity Master	O.C.	C,D
Indicator - Repeater, Fuel Quantity	O.C.	C,D
Indicator - Totalizer, Fuel Quantity	O.C.	C,D
Probe - Fuel Quantity	O.C.	D
Valve - Fuel Fill	14,000	C,D
<u>Hydraulic System, Chapter 29</u>	O.C.	A,B,C,D
Pump - Hydraulic - Engine Driven	4000	B
Pump - Hydraulic - Electric, Auxiliary	4000	B
Motor Pump - Reversible	14,000	B
Pump - Hand - Ground Service	O.C.	C
Reservoir - Hydraulic System	O.C.	C,D
Accumulator	O.C.	C,D
Valve - Priority	14,000	C
Valve - Spoiler Shutoff and System Depressurization	O.C.	C
Valve - Engine Driven Pump Fire Shutoff	14,000	C
Filters	O.C.	C

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FIGURE 39. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - DOUGLAS DC-9

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-9		
	Overhaul Period	Inspection & Check Period
<u>Hydraulic System, Chapter 29, continued</u>		
Indicator - Fluid Quantity - Hydraulic	O.C.	A, B, C, D
Transmitter - Fluid Quantity	O.C.	C, D
Indicator - Hydraulic Pressure	O.C.	C, D
Transmitter - Hydraulic Pressure	O.C.	C, D
Switch - Warning - Hydraulic System		
Low Pressure	O.C.	C, D
Thermoswitch - Over Temp Hydraulic Fluid	O.C.	C, D
<u>Ice and Rain Protection, Chapter 30</u>		
Tail De-icer Timer	7000	C
High Pressure Switches	O.C.	C, D
Pressure Regulator & Shutoff Valves	7000	C
Temperature Sensors	O.C.	C
Air Intakes	O.C.	A, C, D
Pitot and Static	O.C.	B, C, D
Wiper and Rain Repellent	O.C.	C, D
Motor	14,000	C, D
Water Lines	O.C.	C
<u>Instruments, Chapter 31</u>		
The Maintenance Program (overhaul time and intermediate checks) for this chapter is to be established in the local Air Carrier District Office for all units in this system including the flight recorder.	O.C.	A, B, C, D
<u>Landing Gear, Chapter 32</u>		
Main Landing Gear	7000	A, B, C, D
Nose Landing Gear	7000	A, B, C, D
Hydraulic Control System	14,000	C, D
Hydraulic Control System (Wheels and Brakes)	O.C.	C
Hydraulic Brake Control Valve	14,000	C
Accumulators	O.C.	A, B
Brake Fluid Quantity Limiter	7000	C, D
Anti-skid System	O.C.	C, D
Control Box	O.C.	C, D
Wheels	O.C.	B
Brakes	O.C.	B
Steering Hydraulic Controls	O.C.	C, D
Steering Control Valve	14,000	C, D
Bypass & Relief Valve	14,000	C, D
Steering Cylinder	14,000	C, D
Nose Wheel Swivel Glands	O.C.	C, D
Positioning and Warning	O.C.	A, B, C, D
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FIGURE 39. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - DOUGLAS DC-9

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-9		
	Overhaul Period	Inspection & Check Period
<u>Lights, Chapter 33</u>	O.C.	A,B,C,D
Lights - Flight Compartment	O.C.	B,C,D
Navigational Lights - Wing Tip	O.C.	C,D
Lights - Anti-collision	O.C.	A,B
Lights - Landing and Taxi	O.C.	A,B
Battery Pack - Cabin Emergency Lights	O.C.	B
Light - Pilot's Emergency Portable	O.C.	C
<u>Navigation, Chapter 34</u>	O.C.	A,B,C,D
The Maintenance Program (overhaul time and intermediate checks) for this chapter is to be established in the local Air Carrier District Office for all units in this system.		
<u>Oxygen System, Chapter 35</u>	O.C.	A,B,C,D
Cylinder, Oxygen, Crew	O.C.	B
Regulator - Oxygen, Crew Cylinder, Crew Pressure	14,000	B,D
Regulator - Oxygen, Crew Pressure Breathing	14,000	B,D
Cylinder - Oxygen, Passenger Pressure	O.C.	Hyst. 5 yrs
Regulator, Oxygen, Passenger Pressure	14,000	C,D
Cylinder - Oxygen, Attendants and Crew Portable	O.C.	Hyst. 5 yrs
<u>Pneumatic, Chapter 36</u>	O.C.	A,B,C,D
Valve - Pneumatic Crossfeed	14,000	C,D
Valve - Check, Pneumatic and APU 8th Stage	EO	C
Valve - Augmentation	7000	C,D
Regulator - Pneumatic Pilot Pressure	7000	C,D
Valve - Ground Connection & Check Pneumatic	O.C.	C,D
Control - Ice Protection Anticipation	O.C.	C,D
Indicator - Pneumatic Pressure	O.C.	C,D
Transmitter - Pneumatic Pressure	O.C.	C,D
Sensor - Overheat, Tail Compartment	O.C.	C,D
<u>Water and Waste, Chapter 38</u>	O.C.	A,B,C,D
Water Supply	O.C.	A,B,C,D
Waste Disposal	O.C.	A,B,C,D

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FIGURE 39. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - DOUGLAS DC-9

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-9		
	Overhaul Period	Inspection & Check Period
<u>Airborne Auxiliary Power, Chapter 49</u>		
Gas Turbine	O.C.	A,B,C,D
Combustion Chambers	2200*	B,C,D
Unit & Low Pressure Filters	1100*	
Acceleration & Overtemp Control Thermostat	500*	C
Ignition Plug	O.C.	C,D
Starter Motor	500*	C,D
Load Control Thermostat	2200*	C,D
Centrifugal Switch	O.C.	C,D
Generator - Tach	2200*	C,D
Oil Filter	O.C.	B,C
		C
* Operating Time for Unit - NOT aircraft time.		
Oil Change to be at Manufacturer recommendations.		
 <u>Structures, Chapter 51</u>		
	O.C.	A,B,C,D
<u>Doors, Chapter 52</u>		
Snubber - Forward Entrance Door	O.C.	A,B,C,D
Motor - Stairway Gearbox Actuator	O.C.	B
Motor - Stairway Handrail	O.C.	B,C
Cylinder - Retract, Ventral Stairs	O.C.	B,C
Valve - Ventral Stair	O.C.	C
Passenger Aft Entrance Door	O.C.	C
Main Gear Support Fittings and Auxiliary Spare	7000	B,C,D
Emergency Exit Doors, Zone 58 (LH and RH)	2500	B,C,D
Forward Passenger Entrance and Service Door	7000	B,C,D
Electrical and Electronics Compartment Door	7000	B,C,D
Baggage Compartment Doors	14,000	B,C,D
Framing Around Main Cargo Door	7000	
Main Cargo Door	14,000	
	28,000	
 <u>Fuselage, Chapter 53</u>		
Radome and Pressure Bulkhead	O.C.	A,B,C,D
Bulkhead Station 786 Internal Structure	7000	A,B,C,D
Floor Beams Station 69 to 148	28,000	C,D
Top of Center Section - Center Aisle	28,000	C,D
Between Inboard Seat Tracks and Sides	28,000	C,D
Fuselage Internal Structure	28,000	C,D
Rear Baggage Compartment Interior	28,000	C,D

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FIGURE 39. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - DOUGLAS DC-9

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-9		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Fuselage, Chapter 53, continued</u>	O.C.	A,B,C,D
Forward Baggage Compartment Interior	28,000	B,C
Body Station 642 Bulkhead	28,000	C,D
Nose Wheel Well - Canted Panel - Support Beams and Adjacent Area	28,000	A,B,C,D
Fuselage Interior Structure Production Splice 817 to 908	7000	D
<u>Nacelle and Pylons, Chapter 54</u>	O.C.	A,B,C,D
Firewall, Pylon, and Engine Mount Fittings	7000	
Fuselage Bulkhead and Pylon Spar Stubs	7000	C,D
Pylon Spar and Structure, Station 786	7000	C,D
<u>Stabilizers, Chapter 55</u>	O.C.	A,B,C,D
Elevator Hinge Attachment, Dampers and Adjacent Structure	7000	B,C,D
Vertical Stabilizer Installation and Dorsal Fin Structure	7000	B,C,D
Stabilizer Outer Panel to Center Section Joints, Upper and Lower Surfaces	7000	B,C,D
Rudder Spar and Adjacent Internal Structure Horizontal Stabilizer	7000	B,C,D
Vertical Stabilizer Leading Edge Interior Elevator Front and Rear Spars, Elevator Interior Structure, Elevator Tabs	14,000	
Horizontal Stabilizer Leading Edge, Tip, Front Spar and Interior	28,000	B,C,D
	28,000	C,D
<u>Windows, Chapter 56</u>	O.C.	A,B,C,D
Windshield, LH and RH	O.C.	A,B,C
Window - Cockpit LH and RH Sliding	O.C.	A,B,C
Window - Cockpit LH and RH - Aft	O.C.	A,B,C
Window - Eyebrow - LH and RH	O.C.	A,B,C
Windshield - Center	O.C.	A,B,C
<u>Wings, Chapter 57</u>	O.C.	A,B,C,D
Wing Leading Edge Interior	7000	C,D
Wing Tip - Interior	14,000	C,D
Wing to Fuselage Upper Attach Angle Station 484-645	14,000	
	7000	C,D
Wing Flaps - Internal	14,000	C,D
Wing Internal	14,000	
Front Spar - Wing Center Section	28,000	C,D

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FIGURE 39. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - DOUGLAS DC-9

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-9		
	Overhaul Period	Inspection & Check Period
<u>Powerplant, Chapter 71</u>	O.C.	A,B,C,D
Nose Cowl	O.C.	A,B,C
 <u>Engine Turbine, Chapter 72</u>	 4800	
<u>Engine Fuel and Control, Chapter 73</u>	O.C.	A,B,C,D
Fuel Heater Valve	7000	B
Fuel Heater	O.C.	B,C
Fuel Pump	O.C.	B,C
Valve - Pressurizing and Dump	O.C.	B,C
De-icer Timer	O.C.	B
Fuel Control	O.C.	B,C
Indicator - Fuel Temperature	O.C.	B,C
Indicator - Fuel Flow	O.C.	B,C
Power Supply, Fuel Flow	O.C.	C
Switch - Low Fuel Press	O.C.	C
Transmitter - Fuel Flow	7000	B,C
Eductor - Fuel Vapor	O.C.	B,C
 <u>Air, Chapter 75</u>	 O.C.	 A,B,C,D
Valve - Engine Anti-ice	7000	C
Valve - Shutoff, Cowl Anti-icing	7000	C
Valve - Thermostat Control, Cowl Anti-icing	O.C.	C
 <u>Engine Controls, Chapter 76</u>	 O.C.	 A,B,C,D
<u>Engine Indicating, Chapter 77</u>	O.C.	A,B,C,D
Generator - Tachometer N ₁ and N ₂	O.C.	C
Indicator - Tachometer N ₁ and N ₂	O.C.	C
Transmitter - Engine Press Ratio	O.C.	C
Indicator - Engine Press Ratio	O.C.	C
Monitor - AVM	O.C.	B,C
Indicator - AVM	O.C.	B,C
Pick-Up AVM	O.C.	B,C
Indicator - Exhaust Gas Temp	O.C.	C

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FIGURE 39. OPERATIONS SPECIFICATIONS AIRCRAFT
MAINTENANCE - DOUGLAS DC-9

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OPERATIONS SPECIFICATIONS AIRCRAFT MAINTENANCE DOUGLAS DC-9		
	<u>Overhaul Period</u>	<u>Inspection & Check Period</u>
<u>Exhaust, Chapter 78</u>	O.C.	A, B, C, D
Gauge - Accumulator Pressure	O.C.	B, C
Accumulator, Thrust Reverser	O.C.	B, D
Actuator - Thrust Reverser Bucket	O.C.	B
Indicating - Thrust Reverser System	O.C.	C
Switch - Low Pressure Warning	O.C.	C
Reverser - Thrust and Exhaust Nozzle	E.O.	B, C
Valve - Control, Thrust Reverser	O.C.	B, C
 <u>Oil, Chapter 79</u>	 O.C.	 A, B, C, D
Cooler - Engine Fuel/Oil	O.C.	B, C
Sensor, Oil Temperature	O.C.	B, C
Indicator - Oil Pressure	O.C.	C
Indicator - Oil Quantity	O.C.	C
Indicator - Oil Temperature	O.C.	C
Switch - Low Pressure Warning	O.C.	B, C
Transmitter - Oil Pressure	O.C.	B, C
Switch - Filter Differential Pressure	O.C.	B, C
Transmitter - Oil Quantity	O.C.	B
 <u>Starting, Chapter 80</u>	 O.C.	 A, B, C, D
Starter - Pneumatic	7000	B, C
Valve - Regulating Shutoff, Air Starter	7000	B
Switch - Starter Control	O.C.	B
Ignition - Exciter	12,000	B, C
Igniter Plugs	2000	B, C

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