Reechcraft. DUKE

MODEL 60 (P-4 thru P-126 except P-123) MODEL A60 (P-123, P-127 thru P-246) MODEL B60 (P-247 and after)

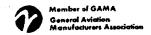




P/N 60-590001-25 Issued: November 2, 1973 Supersedes: 60-590001-5B

P/N 60-590001-25A18 Revised: November 20, 1987 PUBLISHED BY COMMERCIAL PUBLICATIONS BEECH AIRCRAFT CORPORATION WICHITA, KANSAS 67201 U. S. A.





LIST (OF	EFFECTIVE	REVISIONS
--------	----	------------------	-----------

36416C

Always destroy superseded pages when you insert revised pages.

Title PageNove	mber 20, 1987
"A" Page	
"B" Page	
	*

LOG OF REVISIONS

PART NUMBER	DATE	CHAPTER AFFECTED
60-590001-25	November 2, 1973	Original
60-590001-25A1	August 16, 1974	61, 71
60-590001-25 A 2	May 30, 1975	Intro, 5, 12, 21, 25, 27, 30, 32, 36, 56, 61, 71, 91, Insp.
60-590001-25A3	October 27, 1975	Intro, 7, 12, 22, 28, 30, 32, 53, 57, 91
60-590001-25A4	October 19, 1977	12, 24, 25, 28, 30, 32, 33, 61, 73, 79
60-590001-25A5	May 12, 1978	Intro, 5, 11, 12, 20, 23, 24, 30
60-590001-25A6	September 14, 1979	Intro, 5, 27
60-590001-25A7	February 22, 1980	Intro, 5, 12, 21, 57, 91
60-590001-25A8	April 18, 1980	Intro, 11, 12, 20, 25, 33, 52
60-590001 - 9A9	August 15, 1980	Intro, 25, 38
60-590001-25A10	November 28, 1980	5
60-590001-25A11	February 27, 1981	55, 57
60-590001 - 25A12	April 2, 1981	5, 57, 91
60-590001-25A13	June 21, 1982	5, 30

NOTE: A list of the effective pages will be found in the front of each chapter.

A18

Basic publications are assigned a part number which appears on the title page with the date of the issue. Subsequent revisions are identified by the addition of a revision code after the part number. At after a part number denotes the first revision to the basic publication, A2 the second, etc. Occasionally, it is necessary to completely reissue and reprint a publication for the purpose of obsoleting a previous issue and outstanding revisions thereto. As these replacement reissues are made, the code will also change to the next successive letter of the alphabet at each issue. For example, B for the first reissue, C for the second reissue, etc.

When ordering a handbook, give the basic number, and the reissue code when applicable, if a complete up-to-date publication is desired. Should only revision pages be required, give the basic number and revision code for the particular set of revision pages you desire.

LIST OF EFFECTIVE REVISIONS

Always destroy superseded pages when you insert revised pages.

60-590001-25A14	November 30, 1983	Intro, 5, 12, 20, 57, 91
60-690001-25A15	June 13, 1984	23, 32, 57
60-590001-25416	September 20, 1985	Intro, 27
60-890001-25A17	January 9, 1986	12
60-596601-25A18	November 20, 1987	5, 25, 32

998-39113

INTRODUCTION

LIST OF PAGE EFFECTIVITY

CHAPTER SECTION SUBJECT	PAGE	DATE
INTRODUCTION-EFFECTIVITY	1	Sep 20/85
INTRODUCTION	1	Nov 30/83
	2	Sep 20/85
•	3	Nov 30/83
	4	Nov 30/83
	5	Nov 30/83
	6	Nov 30/83
	7.	Nov 30/83
	8	Nov 30/83
	9	Nov 30/83
	10	Nov 30/83
	10A	Nov 30/83
	11	Aug 15/80
	12	Aug 15/80
	13	Aug 15/80
	14	Aug 15/80
	15	Aug 15/80
	16	Aug 15/80
	17	Aug 15/80
	18	Aug 15/80
	19	Aug 15/80
	20	Aug 15/80

"END"

INTRODUCTION

This BEECHCRAFT Duke 60 Maintenance Manual is prepared in accordance with the ATA (Air Transport Association) Specification No. 100 format. Additional airframe manuals, which supplement this maintenance manual are the BEECHCRAFT Duke 60 Wiring Diagram Manual, P/N 60-590001-29 and the BEECHCRAFT Duke 60 Beech Manufactured Component Maintenance Manual, P/N 60-590001-27.

NOTICE

Beech Aircraft Corporation expressly reserve the right to supersede, cancel and/or declare obsolete any part, part numbers, kits or publication that may be referenced in this manual without prior notice.

NOTE

Service publication reissues or revisions are not automatically provided to the holders of this manual. For information on how to obtain a revision service applicable to this manual, refer to BEECHCRAFT Service Instructions No. 0250-010, Rev. I or subsequent revisions.

CORRESPONDENCE

If a question should arise concerning the care of your airplane, it is important to include the airplane serial number in any correspondence. The serial number appears on the model designation placard (refer to Chapter 11 for placard location).

ASSIGNMENT OF SUBJECT MATERIAL

The content of this publication is organized at four levels: Group, System/Chapter, Sub-System/Section, and Unit/Subject.

Group - Identified by different colored divider tabs. These are primary divisions of the manual that enable broad separation of content. Typical of this division is the separation between Airframe Systems and the Power Plant.

System/Chapter - The various groups are broken down into major systems such as Air Conditioning, Electrical Power, Landing Gear, etc. The systems are arranged more or less alphabetically rather than by precedence or importance. They are assigned a number, which becomes the first element of a standardized numbering system. Thus, the element "28" of the number 28-00-00 refers to

the chapter "Fuel". Everything concerning the fuel system will be covered in this chapter.

Sub-System/Section - The major systems of an aircraft are broken down into sub-systems. These sub-systems are identified by the second element of a standard numbering system. The number "40" of the number 28-40-00 is for the indicating portion of the fuel system.

Unit/Subject - The individual units within a sub-system may be identified by the third element of the standard numbering system, such as 28-40-01. This number is assigned by the manufacturer and may, or may not, be used and will vary in usage.

APPLICATION

Any publication conforming to the ATA format will use the same basic numbering system. Thus, whether the manual be a BEECHCRAFT Duke 60 Maintenance Manual, or Wiring Diagram Manual for a Beech Duke 60, the person wishing information concerning the indicating portion of the fuel system would refer to the Tab System/Chapter 28, Fuel. The table of contents in the front of the chapter will provide a list of sub-systems covered in the chapter.

For example:

28-00	General
28-10	Storage
	(Tanks, cells, necks,
	caps, instruments, etc.)
28-20	Distribution
	(Fuel lines, pumps, valves,
	controls, etc.)
28-30	Dump
	(If in-flight dumping system is
	installed, it would appear here.)
28-40	Indicating
	(Quantity, temperature, pressure,
	etc., does not include engine
	fuel flow or pressure.)

Carrying this example further, Fuel Indication, Left Indicator Panel, could be assigned the number 28-41-01.

The table of contents in front of each chapter will list the items covered and the numbers assigned.

All publications will use the standard numbering system, even though all chapters may not be applicable to the aircraft or to the publication.

ATA 100 PAGE BLOCK GUIDE

Following is a guide to the assignment of the blocks of pages within each System/Chapter, Sub-System/Section, Unit/Subject number in the maintenance manual.

Description and Operation Pages 1 to 100
Troubleshooting Pages 101 to 200
Maintenance Practices Pages 201 to 300

The text providing the coverage of the description and operation of a system or component would appear on pages numbered consecutively 1 through 100, if needed. The information pertaining to the troubleshooting of this same system or component would appear on pages numbered consecutively 101 through 200, if needed. The maintenance practices information would appear on pages numbered 201 through 300. The word "END" at the bottom of a page would indicate the last page in that block.

LIST OF EFFECTIVE REVISIONS

The Log of Effective Revisions following the title page of the manual lists the revisions currently effective for the manual.

LIST OF EFFECTIVE PAGES

The List of Effective Pages and the Table of Contents in the front of each chapter will each start with page 1 and be numbered consecutively, thereafter, as necessary.

ALPHABETICAL INDEX

An alphabetical index, as part of the introduction, is provided as an assistance in locating the desired information. The alphabetical index provides the chapter and sub-chapter in which any given information may be found. Reference to the Table of Contents in the front of the indicated chapter will provide the exact page on which the information can be found.

MICROFICHE - AEROFICHE

The General Aircraft Manufacturers Association has developed a specification for microfiche and registered the name Aerofiche for use by all GAMA Members. Consult the

current issue of the Publications Price List for a enumeration of the maintenance information available. Aerofiche form for order from Beech Aircraft Corporation

ATA 100 INDEX GUIDE

The following is an ATA-100 System/Chapter, Sub System/Section Index Guide for use with Maintenance Manuals, Parts Catalogs, Wiring Diagram Manuals and Component Maintenance Manuals as required.

WARNING

Use only genuine BEECHCRAFT or BEECHCRAFT approved parts obtained from BEECHCRAFT approved sources, in connection with the maintenance and repair of Beech airplanes.

Genuine BEECHCRAFT parts are produced and inspected under rigorous procedures to insure airworthiness and suitability for use in Beech airplane applications. Parts purchased from sources other than BEECHCRAFT, even though outwardly identical in appearance, may not have had the required tests and inspections performed, may be different in fabrication techniques and materials, and may be dangerous when installed in an airplane.

Salvaged airplane parts, reworked parts obtained from non-BEECHCRAFT approved sources, or parts, components, or structural assemblies, the service history of which is unknown or cannot be authenticated, may have been subjected to unacceptable stresses or temperatures or have other hidden damage, not discernible through routine visual or usual nondestructive testing techniques. This may render the part, component or structural assembly, even though originally manufactured by BEECHCRAFT, unsuitable and unsafe for airplane use.

BEECHCRAFT expressly disclaims any responsibility for malfunctions, failures, damage or injury caused by use of non-BEECHCRAFT approved parts

NOTE

It shall be the responsibility of the owner/operator to ensure that the latest revision of publications referenced in this handbook are utilized during operation, servicing, and maintenance of the airplane.

INTRODUCTION Page 2 Sep 20/85

ATA-100 SYSTEM/CHAPTER INDEX GUIDE

Standard Practices-Airframe

The following chapters are not covered within this Maintenance Manual: 26, 29, 31, 37, 39, 49, 54, 60, 70, 75, 76, 78, and 83

CHAPTER	SECTION	TITLE
INTRODUCTION		
AIRCRAFT GEN	ERAL	
5	TIME LIMITS/MAIN	TENANCE CHECKS
	10 20	Time Limits Scheduled Maintenance Checks
6	DIMENSIONS AND	AREAS
7	LIFTING AND SHO	RING
	00	General
8	LEVELING AND W	EIGHING
	00	General
9	TOWING AND TAX	KIING
	00	General
10	PARKING AND MO	OORING
	00	General
11	PLACARDS AND	MARKINGS
	00	General
12	SERVICING	
	00 10 20	General Replenishing Scheduled Servicing
AIRFRAME SYS	TEMS	
20	STANDARD PRAC	TICES-AIRFRAME

SUB-SYSTEM/

00

SYSTEM/

SYSTEM/ CHAPTER	SUB-SYSTEM/ SECTION	TITLE
21	AIR CONDITIONING	
	00 10 20 30 40 50	General Compression Distribution Pressurization Control Heating Cooling
22	AUTO FLIGHT	
	00 10 11	General Autopilot (H14) Autopilot (New-Matic)
23	COMMUNICATIONS	
•	60	Static Discharging
24	ELECTRIC POWER	
	00 30 31 32 40 50	General DC Generation DC Generation (Battery) DC Generation (Charge Current Detector) External Power Electrical Load Distribution
25	EQUIPMENT/FURNISHING	s
	00 60	General Emergency
26	FIRE PROTECTION	
27	FLIGHT CONTROLS	
· · · · · · · · · · · · · · · · · · ·	00 10 20 30 50 60 70	General Aileron and Tab Rudder and Tab Elevator and Tab Flaps Spoiler, Drag Devices and Variable Aerodynamic Fairings Gust Lock and Dampener
28	FUEL	
	00 10 20 40	General Storage Distribution Indicating

INTRODUCTION Page 4 Nov 30/83

SYSTEM/ CHAPTER	SUB-SYSTEM/ SECTION	TITLE
30	ICE AND RAIN PROTECTION	ON
	00	General
	10	Airfoil
	20	Air Intakes
	30	Pitot and Static
	40	Windows and Windshields
	60	Propellers/Rotors
32	LANDING GEAR	
	00	General
	10	Main Gear and Doors
	20	Nose Gear and Doors
	30	Extension and Retraction
	40	Wheels and Brakes
ı	50	Steering
	60	Position and Warning
33	LIGHTS	
	00	General
	40	Exterior
34	NAVIGATION	
	10	Flight Environment Data
35	OXYGEN	
	00	General
36	PNEUMATIC	
	00	General
AIRFRAME SYSTEMS	5	
38	WATER/WASTE	
	30	Waste Disposal
STRUCTURES		
51	STRUCTURES	
	00	General

SYSTEM/ CHAPTER	SUB-SYSTEM/ SECTION	TITLE
52	DOORS	
	00	General
	10	Passenger/Crew
	60	Entrance Stairs
	70	Door Warning
53	FUSELAGE	
	30	Plates/Skin
55	STABILIZERS	
	00	General
	10	Horizontal Stabilizers
	20	Elevator
_	30	Vertical Stabilizer
	40	Rudder
56	WINDOWS	
	00	General
	10	Flight Compartment
	20	Cabin
57	WINGS	
	00 .	General
	30	Plates/Skin
	40	Attach Fittings
	50	Flight Surfaces
PROPELLERS		
61	PROPELLERS	
	00	General
POWER PLANT		
71	POWER PLANT	
	00	General
	10	Cowling
72	ENGINE RECIPROCATING	
73	ENGINE FUEL AND CONT	ROL
	30	Indicating

SYSTEM/ CHAPTER	SUB-SYSTEM/ Section	TITLE
74	IGNITION	
	00 10 20	General Electrical Power Supply Distribution
77	ENGINE INDICATING	
	00	General
79	OIL	
	00	General
80	STARTING	
	00 10	General Cranking
81	TURBINES	•
	00	General
91	CHARTS	
	00	Charts

SUPPLEMENTARY PUBLICATIONS

The following is a list of publications providing servicing, overhaul and parts information on various components on the BEECHCRAFT Duke 60 Series airplanes which you may obtain to supplement the BEECHCRAFT Duke 60 Series Maintenance Manual. In most instances you should obtain the publications directly from the manufacturer or his distributor. Only a few, such as Beech supplementary publications, are available from Parts and Service Operations, Beech Aircraft Corporation. Those which are so available are listed in the current Publications Price List. Since a wide variety of radio components and equipment is available and because radio manufacturers normally supply parts and servicing manuals with each set, radio publications have not been included in the list. As publications on additional components become available, they will be added to the list of publications.

BEECH PUBLICATIONS

98-33857	Installation, Maintenance and Illustrated Parts Breakdown for 60-389017 Voltage Regulator.
98-36235	Installation, Maintenance and Illustrated Parts Breakdown for 60-389017-1 Voltage Regulator.
98-33702	Overhaul and Parts Breakdown for 50-921560 Engine Driven Fuel Pump.
98-37031	Inspection Procedures and Maintenance Guide for the OECO 20139 and 20051 Inverter.
98-35655	Brittain B-5 and B-7 Autopilot Operating Manual.
98-35850	Brittain B-5 and B-7 Autopilot Maintenance Manual and Illustrated Parts Breakdown.
98-34350	Operation Manual for 3-Button Flight Controller.
98-35636	Operation Manual for 4-Button Flight Controller (With Heading Selector).
98-32751	Maintenance Instructions for Goodyear Wheel, Brake and Tire Assembly.
98-34998	Maintenance Instructions for Goodrich Wheel, Brake and Tire Assembly.
98-36374	Overhaul and Cleaning Procedure for Pressurization Controllers, Outflow and Safety Valves
H-14 AUTOP	PILOT
H-14 AUTOF	Maintenance Manual.
130333C	Maintenance Manual.
130333C 98-30603	Maintenance Manual Supplement.
130333C 98-30603 92-30103B	Maintenance Manual Supplement. Overhaul Instructions for BG274B2, C1, C2 Computer.
130333C 98-30603 92-30103B 92-30105	Maintenance Manual. Maintenance Manual Supplement. Overhaul Instructions for BG274B2, C1, C2 Computer. Overhaul Instructions for CG136A1 Heading Selector. Overhaul Instructions for MG113A1, MG113A2, MG113A3, MG114A4 Actuator and SG28A1, SG28A3
130333C 98-30603 92-30103B 92-30105 92-30106B	Maintenance Manual Supplement. Overhaul Instructions for BG274B2, C1, C2 Computer. Overhaul Instructions for CG136A1 Heading Selector. Overhaul Instructions for MG113A1, MG113A2, MG113A3, MG114A4 Actuator and SG28A1, SG28A3 Pressure Switch.
130333C 98-30603 92-30103B 92-30105 92-30106B 92-30107A1	Maintenance Manual Supplement. Overhaul Instructions for BG274B2, C1, C2 Computer. Overhaul Instructions for CG136A1 Heading Selector. Overhaul Instructions for MG113A1, MG113A2, MG113A3, MG114A4 Actuator and SG28A1, SG28A3 Pressure Switch. Overhaul Instructions for PG51A1 Altitude Control.
130333C 98-30603 92-30103B 92-30105 92-30106B 92-30107A1 92-30229	Maintenance Manual Supplement. Overhaul Instructions for BG274B2, C1, C2 Computer. Overhaul Instructions for CG136A1 Heading Selector. Overhaul Instructions for MG113A1, MG113A2, MG113A3, MG114A4 Actuator and SG28A1, SG28A3 Pressure Switch. Overhaul Instructions for PG51A1 Altitude Control. Overhaul Instructions for GG205A3, GG205A4, (GG205B4) Turn and Bank Indicator Gyro.

INTRODUCTION Page 8

Nov 30/83

H-14 AUTOPILOT (Cont'd.)

98-32523

Overhaul Instructions for MG112A1, MG112B1 Trim Actuator.

98-32839

Overhaul Instructions for CG417B1, CG417B2 Flight Controller.

VENDOR PUBLICATIONS

ENGINE

Parts Catalog PC-120, Avco Lycoming Division, Williamsport, Pennsylvania. Overhaul Manual 60294-6, Avco Lycoming Division, Williamsport, Pennsylvania. Operator's Manual 60297-13, Avco Lycoming Division, Williamsport, Pennsylvania.

FUEL INJECTION

Operation and Service Manual, Form 15-468, Bendix Corporation, South Bend, Indiana.

PROPELLER

Overhaul Instructions 117B for Hartzell Propeller, Hartzell Propeller Inc., Piqua, Ohio.

Owners Manual 115E for Hartzell HCF3YR2/C7479-2R and Hartzell HCF3YR2F/FC7479B2R Propellers, Hartzell Propeller Inc., Piqua, Ohio.

Spinner Assembly Maintenance Instruction Guide, Issued: June 1974, Hartzell Propeller Inc., Piqua, Ohio

Maintenance Handbook for Constant Speed Hydraulic Propeller Governor Type CSSA, Number 33002, Woodward Governor Company, Rockford, Illinois.

MAGNETOS

Overhaul Instructions for Bendix S-1200 Series Magnetos, Form L-609, Scintilla Division, Bendix Aviation Corporation, Sidney, New York.

Service Parts List for Bendix S-1200 Series Magnetos, Form L-608, Scintilla Division, Bendix Aviation Corporation, Sidney, New York.

STARTING MOTOR

Overhaul Instructions, Form OE-A1, Prestolite Company, Toledo, Ohio.

DEICER DISTRIBUTOR VALVE

Overhaul Instructions with Parts Breakdown, Publication Number 38U-2-142, Fluid Power Division, Bendix Aviation Corp. Utica, New-York.

Operation and Service Instructions, Publication Number 39U-1-810E Fluid Power Division, Bendix Aviation Corp. Utica, New York.

ELECTRONIC SYNCHRONIZER

Installation Manual, Bulletin Number 33032A, Woodward Governor Company, Rockford, Illinois.

Propeller Synchronizer for Light Twin Engine Aircraft, Bulletin Number 33049C, Woodward Governor Company, Rockford, Illinois.

HYDRAULIC ACCUMULATOR

Maintenance Manual Number 33058, Woodward Governor Company, Rockford, Illinois.

GENERATOR

Overhaul and Parts Breakdown, File 30204, Lear Siegler Inc., Cleveland, Ohio.

BATTERY

Operator and Service Manual for Vented-Cell Nickel-Cadmium Battery, GET3593A, General Electric Company, Gainesville, Florida.

Maintenance Manual for Nickel-Cadmium Battery, ABD1100, Gulton Industries, Inc., Metuchen, New Jersey.

Marathon Battery Installation Manua, BA89, Marathon Battery Co., Cold Springs, N.Y.

ELECTRIC PROPELLER DEICER

Installation of Deicer Boots, Report 59-728, B.F. Goodrich Company, Akron, Ohio.

Installation, Inspection and Testing of Propeller Deicer System, Report 68-04-708, B.F. Goodrich Company, Akron, Ohio.

HEATER VENT BLOWER

Overhaul Instructions for Vane Axial Blower Number M6921N6A, with Motor M3416DA, Dynamic Air Engineering Inc., Santa Ana. California.

HEATER

Maintenance Instructions for Janitrol A34D51 Aircraft Heater, Publication Number 57D83, Janitrol Aero Division, Midland-Ross Corporation, Columbus, Ohio.

Maintenance Instructions for Janitrol 52D70 Aircraft Heater Ignition Unit, Publication Number 58D42, Janitrol Aero Division, Midland-Ross Corporation, Columbus, Ohio.

AIR CONDITIONER COMPRESSOR

Series 67 Compressor Service Manual, Form 180.33NM, York Corporation, York, Pennsylvania.

Renewal Parts List, Form 180.33RP, York Corporation, York, Pennsylvania.

OUTFLOW AND SAFETY VALVE

Operation and Maintenance Instructions, Report No. 4-268, 15 April 1975, Garrett Airesearch Manufacturing Division, Los Angeles, CA.

FUEL CELLS

Recommended Handling and Storage Procedures for Bladder Type Fuel and Oil Cells, Publication Number FC1473-73, Uniroyal Inc., Mishawaka, Indiana 46544.

Repair Procedures for Heated Repairs to Bladder and Self-sealing Fuel Cells, Repair Procedure RK-72, February 3, 1977, Uniroyal, Inc., Mishawaka, Indiana 46544.

INTRODUCTION Page 10 Nov 30/83

NEWMATIC AUTOPILOT

B-8 Ground and Flight Check Procedures Manual Number 3957, Brittain Industries, Torrance, California.

LANDING GEAR MOTOR

Component Maintenance Manual with Illustrated Parts List for Landing Gear Motor P/N 27-4 and 27-8, Electro-Mech, Inc., Wichita, Ks.

BRAKES

Overhaul Information for A22 Brake Shuttle Valve, Publication Number 74456, Hoof Products, Co., Chicago, Illinois.

Overhaul Information for Brake Shuttle Valve, A-SA404, Publication Number 23595, Paramount Machine Co., Stow, Ohio.

EMERGENCY LOCATOR TRANSMITTER

Operating Instructions for Model CIR-10() Emergency Locator Transmitter System, Transmitter P/N TR 70-17, Collins/Communications Components Corporation, Costa Mesa, California.

Operating Instructions for Model CIR-11() Emergency Locator Transmitter System, Transmitter P/N TR 70-13; Collins/Communication Components Corporation, Costa Mesa, California.

Owners Manual, Installation and Pilot's Guide P/N 03716-0602 for the Narco ELT 10 Emergency Locator Transmitter, Narco Avionics, Division of Narco Scientific Industries, Fort Washington, Pennsylvania.

COMPONENT ITEM OR SYSTEM NAME	CHAPTER Name	CHAPTER & SUB CHAPTER
· A		
AC GENERATION	ELECTRICAL POWER	24-00-00
AILERON BALANCING	WINGS	57-50-00
AILERON CONTROL CABLE INSTALLATION	FLIGHT CONTROLS	27-10-00
AILERON CONTROL CABLE REMOVAL	FLIGHT CONTROLS	27-10-00
AILERON CONTROL SYSTEM RIGGING	FLIGHT CONTROLS	27-10-00
AILERON INSTALLATION AILERON MAINTENANCE	FLIGHT CONTROLS WINGS	27-10-00 57-50-00
AILERON REMOVAL	FLIGHT CONTROLS	27-10-00
ATLERON SERVO PRESSURE REGULATOR	PNEUMATIC	36-00-00
AILERON TRIM TAB ACTUATOR INSTALLATION	FLIGHT CONTROLS	27-10-00
AILERON TRIM TAB ACTUATOR REMOVAL	FLIGHT CONTROLS	27-10-00
AILERON TRIM TAB CABLE INSTALLATION AILERON TRIM TAB CABLE REMOVAL	FLIGHT CONTROLS FLIGHT CONTROLS	27-10-00 27-10-00
AILERON TRIM TAB RIGGING	FLIGHT CONTROLS	27-10-00
AILERON TRIM TAB-CHECKING FREE PLAY	FLIGHT CONTROLS	27-10-00
AIR CONDITIONER-CHARGING	SERVICING	12-10-00
AIR CONDITIONING FUNCTIONAL TEST	AIR CONDITIONING	21-50-00
AIR CONDITIONING SYSTEM	AIR CONDITIONING	21-00-00
AIR CONDITIONING SYSTEM AIR CONDITIONING SYSTEM CHARGING	SERVICING AIR COMDITIONING	12-10-00 21-50-00
AIR SCOOP RIGGING AIR CONDITIONING	AIR CONDITIONING	21-50-00
AIRPLANE FINISH CARE	STANDARD PRACTICES-AIRFRA	
AIRPLANE FINISH CLEANING & WAXING	SERVICING	12-20-00
ALCAL CALIBRATION UNIT	ENGINE INDICATING	77-00-00
ALTITUDE CONTROLLER INSTALLATION, CABIN ALTITUDE CONTROLLER REMOVAL, CABIN	AIR CONDITIONING	21-30-00
ASSIST STEP AGUSTMENT-FOLDED	AIR CONDITIONING DOORS	21-30-00 52-60-00
ASSIST STEP BELL CRANK INSTALLATION	DOORS	52-60-00
ASSIST STEP BELL CRANK REMOVAL	DOORS	52-60-00
ASSIST STEP CABLE INST (P-4 THRU P-509)	DOORS	52-60-00
ASSIST STEP CABLE INST (P-510 & AFTER)	DOORS	52-60-00
ASSIST STEP CABLE REM (P-4 THRU P-509) ASSIST STEP CABLE REM (P-510 & AFTER)	DOORS DOORS	52-60-00 52-60-0 0
ASSIST STEP INSTALLATION	DODRS	52-60-00
ASSIST STEP REMOVAL	DOORS	52-60-00
ASSIST STEP STRUT ASSY INSTALLATION	DOORS	52-60-00
ASSIST STEP STRUT ASSY REMOVAL	DOORS	52-60-00
AUTOPILOT PREUMATIC SYSTEM	AUTO FLIGHT	22-10-00
AUTOPILOT REGULATOR-H-14 AUTOPILOT-H-14	PNEUMATIC AUTO FLIGHT	36-00-00 22-10-00
	AUTO FLIGHT	22-11-00
В		
BATT REPL. COLLINS/COMM COMP CORP ELT	EQUIPMENT/FURNISHINGS	25-60-00
BATTERY	ELECTRICAL POWER	24-00-00
BATTERY	SERVICING	12-20-00
BATTERY CAPACITY CHECK	ELECTRICAL POWER	24-31-00
BATTERY CAPACITY RECONDITIONING BATTERY CHARGE CURRENT DETECTOR SYSTEM	ELECTRICAL POWER	24-31-00
BATTERY CHARGE CURRENT DETECTOR SYSTEM	ELECTRICAL POWER ELECTRICAL POWER	24-00-00 24-32-00
BATTERY CHARGING	ELECTRICAL POWER	24-31-00
BATTERY CLEANING AND INSPECTION	ELECTRICAL POWER	24-31-00
BATTERY CONSTANT CURRENT CHARGING	ELECTRICAL POWER	24-31-00
BATTERY CONSTANT POTENTIAL CHARGING	ELECTRICAL POWER	24-31-00
BATTERY ELECTRICAL LEAKAGE CHECK BATTERY ELECTROLYTE LEVEL ADJUSTMENT	ELECTRICAL POWER ELECTRICAL POWER	24-31-00 24-31-00
BATTERY EMERGENCY LOCATOR	EQUIPMENT AND FURNISHINGS	
BATTERY INSTALLATION	ELECTRICAL POWER	24-31-00
BATTERY MAINTENANCE LOG	ELECTRICAL POWER	24-31-00
BATTERY MAINTENANCE PROGRAM	ELECTRICAL POWER	24-31-00
BATTERY PRE-INSTALLATION INSTRUCTION BATTERY RECONDITIONING FREQUENCY	ELECTRICAL POWER ELECTRICAL POWER	24-31-00
BATTERY RECONDITIONING PROCEDURE	ELECTRICAL POWER	24-31-00 24-31-00
BATTERY REMOVAL	ELECTRICAL POWER	24-31-00
BATTERY REPL, NARCO ELT	EQUIPMENT/FURNISHINGS	25-60-00
BATTERY STAND-BY CHARGING	ELECTRICAL POWER	24-31-00

COMPONENT ITEM OR SYSTEM NAME	CHAPTER Name	CHAPTER & SUB CHAPTER
В		
BRAKE ASSEMBLY	LANDING GEAR	32-40-00
BRAKE ASSEMBLY INSTALLATION	LANDING GEAR	32-40-00
BRAKE ASSEMBLY REMOVAL	LANDING GEAR	32-40-00
BRAKE GRAVITY BLEEDING	LANDING GEAR	32-40-00
BRAKE HYDRAULIC SYSTEM BRAKE MASTER CYLINDER INSTALLATION	LANDING GEAR LANDING GEAR	32 -4 0-00 32-40-00
BRAKE MASTER CYLINDER LINKAGE ADJUST	LANDING GEAR	32-40-00
BRAKE MASTER CYLINDER REMOVAL	LANDING GEAR	32-40-00
BRAKE PRESSURE BLEEDING BRAKE SYSTEM	LANDING GEAR Servicing	32-40-00 32-40-00 12-10-00
BRAKE SYSTEM BLEEDING	LANDING GEAR	32-40-00
BRAKE SYSTEM BLEEDING-DUAL	LANDING GEAR	32-40-00
BRAKE WEAR LIMITS-GOODRICH BRAKE WEAR LIMITS-GOODYEAR	LAMDING GEAR LAMDING GEAR	32-40-00 32-40-00
	CAMPING GEAR	32-40-00
C		
CABIN ALTITUDE CONTROLLER ADJUSTMENT CABIN ALTITUDE CONTROLLER FILTER	AIR CONDITIONING AIR CONDITIONING	21-30-00 21-30-00
CABIN ALTITUDE CONTROLLER FILTER CABIN ALTITUDE CONTROLLER INSTALLATION	AIR CONDITIONING	21-30-00 21-30-00
CABIN ALTITUDE CONTROLLER INSTALLATION	AIR CONDITIONING	21-30-00
CABIN ALTITUDE CONTROLLER REMOVAL	AIR CONDITIONING	21-30-00
CABIN ALTITUDE CONTROLLER-MANUAL CABIN ALTITUDE CONTROLLER-MOTORIZED	AIR CONDITIONING AIR CONDITIONING	21 -3 0-06 21-30-00
CABIN DOOR	DOORS	52-10-00
CABIN DOOR INSTALLATION	DOGRS	52-10-00
CABIN DOOR LATCH ADJUSTMENT CABIN DOOR LATCH MECHANISM LUBE	Dogrs Dogrs	52-10-00 52-10-00
CABIN DOOR LATCH MECHANISM RIGGING	DOGRS	52-10-00
CABIN DOOR LIGHT SWITCHES	DOORS	52-70-00
CABIN DOOR REMOVAL CABIN TEMP SENSORS/CONT RHEO TEST	DOORS AIR:CONDITIONING	52-10-00 21-40-00
CABLE TENSION-EFFECT OF TEMP UPON	FLEGHT CONTROLS	27-00-00
CARRY THROUGH STRUCTURE	WINGS	57-00-00
CHEMICAL TOILET CLEANING COMBUSTION AIR BLOWER INSTALLATION	WATER/WASTE AIR CONDITIONING	38-30-00 21-40-00
COMBUSTION AIR BLOWER REMOVAL	AIR CONDITIONING	21-40-00
COMPRESSION	AIR CONDITIONING	21-10-00
COMPRESSOR BELT INSTALLATION	AIR CONDITIONING	21-50-00
COMPRESSOR BELT REMOVAL COMPRESSOR BELT TENSION ADJUSTMENT	AIR CONDITIONING AIR CONDITIONING	21 -5 0-00 21-50-00
COMPRESSOR BELT TENSION ADJUSTMENT	SERVICING	12-10-00
COMPRESSOR INSTALLATION	AIR CONDITIONING	21-50-00
COMPRESSOR DIL LEVEL CHECKING COMPRESSOR DIL LEVEL CHECKING	SERVICING AIR CONDITIONING	12-10-00 21-50-00
COMPRESSOR REMOVAL	AIR CONDITIONING	21-50-00
CONDENSER BLOWER INSTALLATION	AIR CONDITIONING	21-50-00
CONDENSER BLOWER REMOVAL CONSUMABLE MATERIALS	AIR CONDITIONING CHARTS	21 - 50 - 00 91 - 00-00
CONSUMABLE MATERIALS CHART	SERVICING	12-20-00
CONTROL COLUMN	FLIGHT CONTROLS	27-00-00
CONTROL COLUMN BUS CABLE INSTALLATION	FLIGHT CONTROLS	27-00-00
CONTROL COLUMN BUS CABLE REMOVAL CONTROL COLUMN BUS CABLE RIGGING	FLIGHT CONTROLS ELIGHT CONTROLS	27-00-00 27-00-00
CONTROLLER INSTALLATION, CABIN ALTITUDE	APR CONDITIONING	21-30-00
CONTROLLER REMOVAL, CABIN ALTITUDE	AIR CONDITIONING	21-30-00
COOLING COWL FLAP ACTUATOR RIGGING	AIR CONDITIONING	21-50-00 71-10-00
COME FLAP AND ACTUATOR INSTALLATION	POWER PLANT	71-10-00
COML FLAP AND ACTUATOR REMOVAL	POWER PLANT	71-10-00
COWLING INSTALLATION COWLING REMOVAL	POWER PLANT POWER PLANT	71-10-00 71-10-00
D		
DC GENERATION	ELECTRICAL POWER	24-00-00
DEFUELING-AIRCRAFT	EUEL	28-00-00

COMPONENT ITEM OR SYSTEM NAME	CHAPTER NAME	CHAPTER & SUB CHAPTER
D		
		12-20-00
DEICER BOOTS	SERVICING ICE AND RAIN PROTECTION	12-20-00 30-10-00
DEICER BOOTS-RESURFACING DEICER SYSTEM-AIRFOIL	ICE AND RAIN PROTECTION	30-10-00
DIF CONT & SAFETY VALVE ADJUSTMENT	AIR CONDITIONING	21-30-00
DIF CONT & SAFETY VALVE INSTALLATION	AIR CONDITIONING	21-30-00
DIF CONT & SAFETY VALVE REMOVAL	AIR CONDITIONING	21-30-00
DIFFERENTIAL CONTROL VALVE	AIR CONDITIONING	21-30-00
DIMENSIONS-AIRCRAFT	DIMENSIONS AND AREAS	06-00-00
DISTRIBUTION	AIR CONDITIONING	21-20-00
E		
ELECT TRIM TAB ACT MAG CLUTCH INST	FL1GHT CONTROLS	27-30-00
ELECT TRIM TAB ACT MAG CLUTCH TEST	FLIGHT CONTROLS	27-30-00
ELECT TRIM TAB ACT MAG CLUTCH REMOVAL	FLIGHT CONTROLS	27-30-00
ELECTRIC TRIM TAB ACTUATOR INSTALLATION ELECTRIC TRIM TAB ACTUATOR REMOVAL	FLIGHT CONTROLS FLIGHT CONTROLS	27-30-00 27-30-00
ELECTRIC TRIM TAB CABLE INSTALLATION	FLIGHT CONTROLS	27-30-00
ELECTRICAL UTILIZATION LOAD CHART	ELECTRICAL POWER	24-50-00
ELEVATOR BALANCING	STABILIZERS	55-20-00
ELEVATOR CABLE INSTALLATION	FLIGHT CONTROLS	27-30-00
ELEVATOR CABLE REMOVAL	FLIGHT CONTROLS	27-30-00
ELEVATOR CONTROL SYSTEM RIGGING	FLIGHT CONTROLS FLIGHT CONTROLS	27-30-00
ELEVATOR INSTALLATION ELEVATOR REMOVAL	FLIGHT CONTROLS	2 7-30- 00 2 7- 30 - 00
ELEVATOR TRIM TAB ACTUATOR INSTALLATION	FLIGHT CONTROLS	27-30-00
ELEVATOR TRIM TAB ACTUATOR REMOVAL	FLIGHT CONTROLS	27-30-00
ELEVATOR TRIM TAB CABLE INSTALLATION	FLIGHT CONTROLS	27-30-00
ELEVATOR TRIM TAB CABLE REMOVAL	FLIGHT CONTROLS	27-30-00
ELEVATOR TRIM TAB RIGGING	FLIGHT CONTROLS	27-30-00
ELEVATOR TRIM TAB-CHECKING FREE PLAY	FLIGHT CONTROLS EQUIPMENT/FURNISHINGS	27-30-00
ELT BATT REPL, COLLINS/COMM COMP CORP	EQUIPMENT/FURNISHINGS	25-60-00 25-60-00
EMERGENCY LOCATOR TRANSMITTER	EQUIPMENT AND FURNISHINGS	
EMPENNAGE	STABILIZERS	55-00-00
ENGINE AIR INDUCTION SYSTEM	TURBINES	81-00-00
ENGINE BUILD-UP	POWER PLANT	71-00-00
ENGINE GROUND RUNNING AND WARM-UP ENGINE IDLE SPEED & MIXTURE ADJUSTMENT	POWER PLANT POWER PLANT POWER PLANT	71-00-00 71-00-00
ENGINE INSTALLATION	POWER PLANT	71-00-00
ENGINE OILS-APPROVED	CHARTS	91-00-00
ENGINE OILS-APPROVED	OIL	79-00-00
ENGINE OVERBOOST CONTROL	TURBINES	81-00-00
ENGINE OVERHAUL	ENGINE	72-00-00
ENGINE REMOVAL EQUIPMENT, TEST (PO4 & AFTER)	POWER PLANT AIR CONDITIONING	71-00-00 21-30-00
EVAPORATOR AIR FILTER REPLACEMENT	AIR CONDITIONING	21-50-00
EVAPORATOR AIR FILTER REPLACEMENT	SERVICING	12-10-00
EXTERNAL POWER	ELECTRICAL POWER	24-40-00
EXTERNAL POWER	SERVICING	12-20-00
F		
FIBERGLASS COMPONENTS-REPAIR OF	STRUCTURES	51-00-00
FIREWALL SHUT-OFF VALVE	AIR CONDITIONING	21-10-00
FLAP ACTUATOR INSTALLATION	FLIGHT CONTROLS	27-50-00
FLAP ACTUATOR REMOVAL FLAP CONTROL SYSTEM RIGGING	FLIGHT CONTROLS FLIGHT CONTROLS	27-50-00 27-50-00
FLAP FUNCTIONAL GROUND TEST	FLIGHT CONTROLS	27-50-00
FLAP INSTALLATION	FLIGHT CONTROLS	27-50-00
FLAP MOTOR/GEARBOX INSTALLATION	FLIGHT CONTROLS	27-50-00
FLAP MOTOR/GEARBOX REMOVAL	FLIGHT CONTROLS	27-50-00
FLAP POS IND LIGHTS-ADJUST & CHECK	FLIGHT CONTROLS	27-50-00
FLAP POSITION TRANSMITTER ADJUSTMENT FLAP REMOVAL	FLIGHT CONTROLS FLIGHT CONTROLS	27-50-00 27-50-00
FLAP TRACK ROLLER INSTALLATION	FLIGHT CONTROLS	27-50-00
FLAPS	FLIGHT CONTROLS	27-50-00
	18 T	

COMPONENT ITEM OR SYSTEM NAME	CHAPTER NAME	CHAPTER & SUB CHAPTER
F		
FLARE FITTING TORQUE CHART	CHARTS	91-00-00
FLARED FITTINGS	FUEL	28-20-00
FLIGHT CONTROLS	FLIGHT CONTROLS	27-00-00
FUEL BOOST PUMP INSTALLATION	FUEL	28-20-00
FUEL BOOST PUMP REMOVAL	FUEL	28-20-00
FUEL BOOST PUMPS FUEL CELL DRAINS	FUEL FUEL	28-00-00 28-00-00
FUEL CELL FLAPPER VALVE INSP-BAFFLED	FUEL	28-10-00
FUEL CELL INST-INBOARD LEADING EDGE	FUEL	28-10-00
FUEL CELL INST-OUTBOARD LEADING EDGE	FUEL	28-10-00
FUEL CELL INSTALLATION-BOX SECTION	FUEL	28-10-00
FUEL CELL INSTALLATION—NACELLE FUEL CELL LEAKAGE CHECK	FUEL	28-10-00
FUEL CELL REMOVAL-BOX SECTION	FUEL FUEL	28-10-00 28-10-00
FUEL CELL REMOVAL-INBD LEADING EDGE	FUEL	28-10-00
FUEL CELL REMOVAL-NACELLE	FUEL	28-10-00
FUEL CELL REMOVAL-OUTBD LEADING EDGE	FUEL	28-10-00
FUEL CELL REPAIR-GOODYEAR FUEL CELL REPAIR-UNIROYAL	FUEL	28-10-00
FUEL CELL VELCRO TAPE-INST OF	FUEL FUEL	28-10-00 28-10-00
FUEL CELL VENT FLOAT VALVE INSTALLATION	FUEL	28-20-00
FUEL CELL VENT FLOAT VALVE REMOVAL	FUEL	28-20-00
FUEL CELL VENT LINE-EXTERNAL	FUEL	28-20-00
FUEL CELLS	FUEL	28-00-00
FUEL CELLS—FILLING FUEL CROSSFEED	SERVICING	12-10-00
FUEL FILTERS AND SCREENS—ENGINE	FUEL SERVICING	28-00-00 12-10-00
FUEL FLOW INDICATOR	ENGINE FUEL AND CONTROL	
FUEL GAGING SYSTEM-ADJUST AND TEST	FUEL	28-40-00
FUEL HANDLING PRACTICES	FUEL	28-00-00
FUEL PUMP ADJUSTMENT-ENGINE DRIVEN	FUEL	28-20-00
FUEL PUMP INSTALLATION—ENGINE DRIVEN FUEL PUMP REMOVAL—ENGINE DRIVEN	FUEL FUEL	28-20-00 28-20-00
FUEL QUANTITY INDICATORS	FUEL	28-40-00
FUEL SELECT VALVE CONT CABLE REMOVAL	FUEL	28-20-00
FUEL SELECT VALVE CONT CABLE RIGGING	FUEL	28-20-00
FUEL SELECT VALVE CONT CABLE INSTALL FUEL SELECTOR VALVE INSTALLATION	FUEL	28-20-00
FUEL SELECTOR VALVE REMOVAL	FUEL	28-20-00 28-20-00
FUEL SYSTEM-DRAINING	SERVICING	12-10-00
FUEL TRANSMITTER INSTALLATION	FUEL	28-40-00
FUEL TRANSMITTER REMOVAL	FUEL	28-40-00
FUSELAGE ACCESS OPENINGS	FUSELAGE	53-30-00
G		
	•	
GENERATOR	ELECTRICAL POWER	24-00-00
GENERATOR BRUSH REPLACEMENT GENERATOR CURRENT ADJ-MAXIMUM LOAD	ELECTRICAL POWER ELECTRICAL POWER	24-30-00
GENERATOR INSTALLATION	ELEGTRICAL POWER	24-30-00 24-30-00
GENERATOR PARALLELING	ELECTRICAL POWER	24-30-00
GENERATOR PARALLELING RHEOSTATS-ADJUST	ELEGTRICAL POWER	24-30-00
GENERATOR PARALLELING-FINAL CHECKS	ELECTRICAL POWER	24-30-00
GENERATOR REMOVAL GENERATOR -SYSTEM STABILIZATION	ELECTRICAL POWER ELECTRICAL POWER	24-30-00 24-30-00
GENERATOR VOLTAGE ADJUST-MINIMUM LOAD	ELECTRICAL POWER	24-30-00
GENERATOR VOLTAGE REGULATOR ADJUST	ELECTRICAL POWER	24-30-00
GUST LOCK	FLIGHT CONTROLS	27-70-00
GYRO INSTRUMENT PRESSURE REGULATOR	PNEUMATIC	36-00-00
H		
HEATER CONTROL SYSTEM	AIR CONDITIONING	21-40-00
HEATER FUEL PUMP	AIR CONDITIONING	21-40-00
HEATER IGNITION	AIR CONDITIONING	21-40-00
HEATER INSTALLATION	AIR CONDITIONING	21-40-00
HEATER OPERATION	AIR CONDITIONING	21-40-00

COMPONENT ITEM OR SYSTEM NAME		CHAPTER & UB CHAPTER
H		
HEATER REMOVAL	AIR CONDITIONING	21-40-00
HEATER SYSTEM	AIR CONDITIONING	21-40-00
	AIR CONDITIONING	21-40-00
	AIR CONDITIONING	21-40-00
HEATING HYDROLDK LOCKS	AIR CONDITIONING EQUIPMENT AND FURNISHINGS	21-40-00
miorocox cocks	EQUIPMENT AND FUNITSHINGS	23-00-00
.		
IGNITION HARNESS	IGNITION	74-20-00
INDUCTION AIR FILTER INDUCTION SYSTEM AIR INTAKES	SERVICING ICE AND RAIN PROTECTION	12-20-00 30-20-00
INSPECTION GUIDE	TIME LIMITS/MAINTENANCE CK	
INSPECTION-CABIN SECTION	TIME LIMITS/MAINTENANCE CK	
INSPECTION-DUAL BUS FEEDER DIODES	ELECTRICAL POWER	24-50-00
INSPECTION—EMERGENCY LOCATOR INSPECTION—GENERAL	EQUIPMENT AND FURNISHING TIME LIMITS/MAINTENANCE CK	25-60-00
INSPECTION-LDG GEAR DYNAMIC BRAKE RELAY	LANDING GEAR	32-30-00
INSPECTION-LDG GEAR RETRACT MECH 100-HR	LANDING GEAR	32-30-00
INSPECTION-MAIN GEAR AND BRAKE	TIME LIMITS/MAINTENANCE CK	
INSPECTION-MAIN GEAR RETRACTION	TIME LIMITS/MAINTENANCE CK	
INSPECTION-MAIN GEAR 100-HR INSPECTION-MAIN WHEEL	LANDING GEAR LANDING GEAR	32-10-00 32-40-00
INSPECTION-MAIN WHEEL TIRE & BRAKE	LANDING GEAR	32-40-00
INSPECTION-NACELLE	TIME LIMITS/MAINTENANCE CK	05-20-00
INSPECTION-NOSE GEAR RETRACTION	TIME LIMITS/MAINTENANCE CK	
INSPECTION—NOSE GEAR 100-HOUR INSPECTION—NOSE SECTION	LANDING GEAR TIME LIMITS/MAINTENANCE CK	32-20-00
INSPECTION-NOSE STEERING 100-HOUR	LANDING GEAR	32-50-00
INSPECTION-NOSE WHEEL	LANDING GEAR	32-40-00
INSPECTION-OPERATIONAL	TIME LIMITS/MAINTENANCE CK	
INSPECTION-PITOT SYSTEM HOSE INSPECTION-POWER PLANT	NAVIGATION TIME LIMITS/MAINTENANCE CK	34-10-00
INSPECTION-PRESSURE DIST DUCTS-100-HOUR	AIR CONDITIONING	21-20-00
INSPECTION-PROP CONTROLLING-100-HOUR	PROPELLERS	61-00-00
INSPECTION-PROPELLER DEICER 100-HOUR	TIME LIMITS/MAINTENANCE CK	
INSPECTION-PROPELLER DEICER 50-HOUR INSPECTION-PROPELLER 100-HOUR	TIME LIMITS/MAINTENANCE CK PROPELLERS	05-20-00 61-00-00
INSPECTION-REAR FUSELAGE & EMPENNAGE	TIME LIMITS/MAINTENANCE CK	
INSPECTION-WING FRONT SPAR CAP	WINGS	57-40-00
INSPECTION-HING 100-HOUR	WINGS	57-00-00
INSPECTION-WINGS INSTRUMENT ACCESS	TIME LIMITS/MAINTENANCE CK NAVIGATION	05-20-00 34-00-00
INSTRUMENT OPERATION	NAVIGATION	34-00-00
INTERCOOLER CONTROL RIGGING	AIR CONDITIONING	21-10-00
INTERCOOLER INSTALLATION	AIR CONDITIONING	21-10-00
INTERCOOLER REMOVAL	AIR CONDITIONING	21-10-00
J		
JACKING-AIRCRAFT	LIFTING AND SHORING	07-00-00
L		
LAMP BULB REPLACEMENT	LIGHTS	33-40-00
LANDING GEAR DYNAMIC BRAKE RELAY REMOVAL		32-30-00
LANDING GEAR LIMIT SWITCHES ADJUST	LANDING GEAR	32-60-00
LANDING GEAR MANUAL EXTENSION SYSTEM		32-00-00
LANDING GEAR MOTOR & ACTUATOR INSTALL LANDING GEAR MOTOR & ACTUATOR REMOVAL	LANDING GEAR LANDING GEAR	32-30-00 32-30-00
LANDING GEAR POSITION LIGHTS ADJUST	LANDING GEAR	32-60-00
LANDING GEAR RETRACT SYSTEM LUBRICATION	LANDING GEAR	32-30-00
LANDING GEAR RIGGING	LANDING GEAR	32-30-00
LANDING GEAR SAFETY SWITCH ADJUST LANDING GEAR SAFETY SYSTEM	LANDING GEAR LANDING GEAR	32 -60-0 0 32 -00-00
LANDING GEAR SAFETY SYSTEM	LANDING GEAR	32-60-00
LANDING GEAR SAFETY SYSTEM CHECK	LANDING GEAR	32-60-00

COMPONENT ITEM OR SYSTEM NAME	CHAPTER NAME	CHAPTER & SUB CHAPTER
L		
LAMOTANO OCAD OMOTEM		
LANDING GEAR SYSTEM	LANDING GEAR	32-00-00
LDG GEAR SAFETY SYS MICROSWITCH ADJUST	LANDING GEAR	32-60-00
LOG GEAR SAFETY SYS PRESS SWITCH ADJUST		32-60-00
LOG GEAR/THROTTLE WARNING HORN SHITCH	POWER PLANT	71-00-00
LEAK CHECKS & REPAIRS WET WING TIP	FUEL	28-10-00
LEAK TEST-MET WING TIP LEAKAGE TEST, CABIN PRESSURIZATION (P-4 &	FUEL ALB COMPLETIONING	28-10-00 21-30-00
LEVELING-AIRCRAFT	LEVELING AND WEIGHTING	08-00-00
LOCKS, HYDROLOK	EQUIPMENT AND FURNISHINGS	
LOCKS ROTON	SERVICING	12-20-00
LOCKS ROTON	EQUIPMENT AND FURNISHINGS	
LUBRICATION SCHEDULE CHART	SERVICING	12-20-00
·		12 20 00
M .		
MAGNETO BREAKER POINT ADJUSTMENT	IGNITION	74-10-00
MAGNETO DROP-OFF CHECK	IGNITION	74-10-00
MAGNETO TIMING	IGNITION	74-10-00
MAIN GEAR DOWNLOCK/UPLOCK SWITCH ADJUST	LANDING GEAR	32-30-00
MAIN GEAR INSTALLATION	LANDING GEAR	32-10-00
MAIN GEAR LUBRICATION	LANDING GEAR	32-10-00
MAIN GEAR REMOVAL	LANDING GEAR	32-10-00
MAIN GEAR SHOCK ABSORBERS SERVICING	LANDING GEAR	32-10-00
MAIN WHEEL AND TIRE	LANDING GEAR	32-40-00
MAIN WHEEL ASSEMBLIES	LANDING GEAR	32-40-00
MODEL DESIGNATION PLACARD	PUAGARDS AND MARKINGS	11-00-00
MOORING-AIRCRAFT	PARKING AND MOORING	10-00-00
*N - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		
NOSE GEAR DOWNLOCK/UPLOCK SWITCH ADJ	LANDING GEAR	32-30-00
NOSE GEAR INSTALLATION	LANDING GEAR	32-20-00
NOSE GEAR LUBRICATION	LANDING GEAR	32-20-00
NOSE GEAR REMOVAL	LANDING GEAR	32-20-00
NOSE GEAR SHOCK ABSORBER SERVICING	LANDING GEAR	32-20-00
NOSE STEERING ADJUSTMENT	LANDING GEAR	32-50-00
NOSE WHEEL AND TIRE	LANDING GEAK	32-40-00
NOSE WHEEL ASSEMBLY	LANDING GEAR	32-40-00
0		
OIL FILTER CHANGING	SERVICING	12-10-00
OIL FILTER CHANGING	OIL	79-00-00
OIL PRESSURE ADJUSTMENT	POWER PLANT	71-00-00
OIL SYSTEM	SERVICING	12-10-00
OUTBOARD WING	WINGS	57-00-00
OUTFLOW VALVE FLIGHT CHECK	AIR CONDITIONING	21-30-00
OVERHAUL AND REPLACEMENT SCHEDULE	TIME LIMITS/MAINTENANCE C	
OVERVOLTAGE RELAY CHECK	ELECTRICAL POWER	24-30-00
OVERVOLTAGE RELAYS	ELECTRICAL POWER	24-30-00
OXYGEN CYLINDER REPLACEMENT	OXYGEN	35-00-00
OXYGEN CYLINDER RETESTING	OXYGEN	35-00-00
OXYGEN SYSTEM	SERVICING	12-10-00
OXYGEN SYSTEM	OXYGEN	35-00-00
OXYGEN SYSTEM PURGING ÖXYGEN SYSTEM TEST PROCEDURES	OXYGEN OXYGEN	35-00-00 35-00-00
P		
		HEAD AS AS
PAINT FINISHES-EXTERIOR & INTERIOR	STANDARD PRACTICES-AIRFRA	
PAINT PRIMERS-EXTERIOR & INTERIOR	STANDARD PRACTICES—AIRFRA	
PAINT REMOVAL-MAGNESIUM SURFACES PAINT REPAIR PROCEDURES-URETHANE	STANDARD PRACTICES—AIRFRA STANDARD PRACTICES—AIRFRA	
PAINT-ENAMEL EXTERIOR COLORS	STANDARD PRACTICES—AIRFRA	
PAINT-ENAMEL INTERIOR COLORS	STANDARD PRACTICES-AIRFRA	
PAINT-ENAMEL TOP COAT APPLICATION	STANDARD PRACTICES—AIRFRA	
PAINT-ENAMEL TOUCH-UP REPAIR	STANDARD PRACTICES-AIRFRA	

COMPONENT ITEM OR SYSTEM NAME	CHAPTER NAME	CHAPTER & SUB CHAPTER
P		
PAINT-PREPARATION OF EXTERIOR FOR	STANDARD PRACTICES-AIRFR	AME20-00-00
PAINT-SPECIAL PROCEDURES	STANDARD PRACTICES-AIRFR	
PAINT-URETHANE EXTERIOR COLORS	STANDARD PRACTICES-AIRFR	
PAINT-URETHANE PRETREATMENT PRIMER PAINT-URETHANE STRIPPING & CLEANING	STANDARD PRACTICES—AIRFRA STANDARD PRACTICES—AIRFRA	
PAINT-ORETHANE STRIPPING & CLEANING PAINT-URETHANE TOP COAT APPLICATION	STANDARD PRACTICES—AIRFR	
PAINT-URETHANE TOUCH-UP REPAIRS	STANDARD PRACTICES-AIRFR	
PAINTING MAGNESIUM SURFACES	STANDARD PRACTICES-AIRFRA	
PARKING BRAKE ADJUSTMENT	LANDING GEAR	32-40-00
PARKING BRAKE VALVE INSTALLATION PARKING BRAKE VALVE REMOVAL	LANDING GEAR Landing Gear	32-40-00 32-40-00
PARKING-AIRCRAFT	PARKING AND MOORING	10-00-00
PITOT AND STATIC PRESSURE SYSTEM	NAVIGATION	34-10-00
PITOT AND STATIC SYSTEM	ICE AND RAIN PROTECTION	30-30-00
PITOT SYSTEM LEAK TEST PNEUMATIC PRESS REGULATION-TURN/SLIP	NAVIGATION PNEUMATIC	34-10-00 36-00-00
PNEUMATIC PRESSURE SYSTEM	PNEUMATIC	36-00-00
PNEUMATIC PRESSURE SYSTEM ADJUSTMENT	PNEUMATIC	36-00-00
PNEUMATIC PRESSURE SYSTEM SERVICING	PNEUMATIC	36-00-00
PNEUMATIC SUPPLY PRESSURE REGULATORS	PNEUMATIC	36-00-00
PRESSURIZATION CHARACTERISTICS PRESSURIZATION CONTROL	AIR CONDITIONING AIR CONDITIONING	21-30-00 21-30-00
PRESSURIZATION LEAKAGE TEST.CABIN	AIR CONDITIONING	21-30-00
PRESSURIZATION SYSTEM	AIR CONDITIONING	21-00-00
PRESSURIZATION SYSTEM ADJUSTMENT	AIR CONDITIONING	21-30-00
PRESSURIZATION TEST PROCEDURE PRESSURIZATION TEST SWITCH	AIR CONDITIONING AIR CONDITIONING	21-30-00
PROP DEICER BRUSH BLOCK RESIST CHECK	ICE AND RAIN PROTECTION	21-30-00 30-60-00
PROP DEICER BRUSH REPLACEMENT	ICE AND RAIN PROTECTION	30-60-00
PROP DEICER BRUSH/SLIP RING RESIST	ICE AND RAIN PROTECTION	30-60-00
PROP DEICER SLIP RING MACHINING	ICE AND RAIN PROTECTION	30-60-00
PROPELLER ACCUMULATOR PROPELLER ACCUMULATOR	PROPELLERS SERVICING	61-00-00 12-20-00
PROPELLER ACCUMULATOR INSTALLATION	PROPELLERS	61-00-00
PROPELLER ACCUMULATOR REMOVAL	PROPELLERS	61-00-00
PROPELLER ADJUSTMENT	PROPELLERS	61-00-00
PROPELLER BLADE BEARING LUBRICATION PROPELLER BLADE BEARING LUBRICATION	SERVICING PROPELLERS	61-00-00
PROPELLER BLADE REPAIR	PROPELLERS	61-00-00 61-00-00
PROPELLER DEICER BOOT INSTALLATION	ICE AND RAIN PROTECTION	30-60-00
PROPELLER DEICER BOOT REMOVAL	ICE AND RAIN PROTECTION	30 -6 0-00
PROPELLER DEICER CONTINUITY TEST	ICE AND RAIN PROTECTION	30-60-00
PROPELLER DEICER CONTINUITY TEST PROPELLER DEICER HEAT TEST	ICE AND RAIN PROTECTION ICE AND RAIN PROTECTION	30-60-00 30-60-00
PROPELLER DEICER TIMER CHECK	ICE AND RAIN PROTECTION	30-60-00
PROPELLER DEICING SYSTEM	ICE AND RAIN PROTECTION	30-60-00
PROPELLER FEATHERING ADJUSTMENT	PROPELLERS	61-00-00
PROPELLER GOVERNOR ADJUSTMENT PROPELLER GOVERNOR INSTALLATION	PROPELLERS PROPELLERS	61-00-00 61-00-00
PROPELLER GOVERNOR REMOVAL	PROPELLERS	61-00-00
PROPELLER INSTALLATION	PROPELLERS	61-00-00
PROPELLER LOW RPM ADJUSTMENT	PROPELLERS	61-00-00
PROPELLER REMOVAL PROPELLER SERVICING POINTS	PROPELLERS SERVICING	61-00-00
PROPELLER SYNCHRONIZER	PROPELLERS	12-20-00 61-00-00
PROPELLER SYNCHROSCOPE	PROPELLERS	61-00-00
PROPELLERS	PROPELLERS	61-00-00
PUBLICATION-VENDOR	INTRODUCTION INTRODUCTION	IN-TR-CO IN-TR-CD
PUBLICATIONS—BEECH PUBLICATIONS—SUPPLEMENTARY	INTRODUCTION	IN-TR-00
	u	A. 114 - Q.D
R		
REFRIGERATIVE AIR COOLING SYSTEM	AIR CONDITIONING	21-50-00
ROTON LOCKS	SERVICING	12-20-00
ROTON LOCKS	EQUIPMENT/FURNISHS	25-00-00
RUDDER BALANCING	STABILIZERS	55-40-00

er.	COMPONENT ITEM OR SYSTEM NAME	CHAPTER NAME	CHAPTER & SUB CHAPTER
R			
RUDDER RUDDER	CABLE INSTALLATION CABLE REMOVAL CONTROL SYSTEM RIGGING	FLIGHT CONTROLS FLIGHT CONTROLS FLIGHT CONTROLS	27-20-00 27-20-00 27-20-00
RUDDER	INSTALLATION REMOVAL	FLIGHT CONTROLS FLIGHT CONTROLS	27-20-00 27-20-00
	TRIM TAB ACTUATOR INST TRIM TAB ACTUATOR REMOVAL	FLIGHT CONTROLS FLIGHT CONTROLS	27-20-00 27-20-00
RUDDER	TRIM TAB CABLE INSTALLATION TRIM TAB CABLE REMOVAL	FLIGHT CONTROLS FLIGHT CONTROLS	27-20-00 27-20-00
RUDDER	TRIM TAB RIGGING	FLIGHT CONTROLS	27-20-00
	TRIM TAB-CHECKING FREE PLAY	FLIGHT CONTROLS	27-20-00
S			
SAFETY	& OUTFLOW VALVE TEST	AIR CONDITIONING AIR CONDITIONING	21-30-00 21-30-00
SAFETY	VALVE GROUND CHECK	AIR CONDITIONING	21-30-00
	LED MAINTENANCE CHECKS G Materials	TIME LIMITS/MAINTENANCE CHARTS	CK 05-20-00 91-00-00
	G MATERIALS-APPLICATION OF	CHARTS	91-00-00
	ACK ADJUST-FLIGHT COMPARTMENT	EQUIPMENT/FURNISHINGS	25-00-00
	ACK ADJUST—PASSENGER NSTALLATION—FLIGHT COMPARTMENT	EQUIPMENT/FURNISHINGS EQUIPMENT/FURNISHINGS	25-00-00 25-00-00
	NSTALLATION-PASSENGER	EQUIPMENT/FURNISHINGS	25-00-00
	EMOVAL-FLIGHT COMPARTMENT	EQUIPMENT/FURNISHINGS	25-00-00
	EMOVAL—PASSENGER ING CHART	EQUIPMENT/FURNISHINGS SERVICING	25-00-00 12-20-00
	OAMPENER INSTALLATION	LANDING GEAR	32-20-00
SHIMMY	DAMPENER REMOVAL	LANGING GEAR	32-20-00
SHOCK		SERVICING	12-20-00
	PLUG INSP AND SERV—HEATER PLUG—HEATER	AIR CONDITIONING SERVICING	21-40-00 12-10-00
SPECIA	L TOOLS	SERVICING	12-20-00
	IZER INSTALLATION-HORIZONTAL	STABILIZERS	55-10-00
	IZER INSTALLATION—VERTICAL IZER REMOVAL—HORIZONTAL	STABILIZERS STABILIZERS	55-30-00 55-10-00
STABIL	IZER REMOVAL-VERTICAL	STABILIZERS	55-30-00
	STRIP INSTALLATION	ICE AND RAIN PROTECTION	30-10-00
	STRIPS-METAL Warning Indicating System adj	WINGS FLIGHT CONTROLS	57-00-00 27-60-00
	WARNING INDICATOR INSTALLATION	FLIGHT CONTROLS	27-60-00
	WARNING INDICATOR REMOVAL	FLIGHT CONTROLS	27-60-00
STARLE	WARNING SYSTEM .	FLIGHT CONTROLS STARTING	27 - 60-00 80-00-00
	R BRUSHES	STARTING	80-10-00
	R CIRCUITT CHECKS	STARTING	80-10-00
	R INSTALLATION R LUBRICATION	STARTING STARTING	80-10-00 80-10-00
	R REMOVAL	STARTING	80-10-00
	DISCHARGING	COMMUNICATIONS	23-60-00
	SYSTEM CLEANING SYSTEM LEAK TEST	NAVIGATION NAVIGATION	34-10-00 34-10-00
	WICK INSTALLATION	COMMUNICATIONS	23-60-00
	WICK REMOVAL	COMMUNICATIONS	23-60-00
	N DIAGRAM Flgt-pwr sup unit inst-grimes&sdi	DIMENSIONS AND AREAS	06-00-00 33-40-00
	LGT-POWER CABLE CHECK-HOSKINS	LIGHTS	33-40-00
	LGT-PHR SUP UNIT CHKS-HOSKINS	LIGHTS	33-40-00
	: LGT—PWR SUP UNIT INST—HOSKINS : LGT—PWR SUP UNIT REM—GRIMES & SDI	LIGHTS LIGHTS	33-40-00 33-40-00
STROBE	LGT-PWR SUP UNIT REM-HOSKINS	LIGHTS	33-40-00
	LGT-TIMER MODULE CHK-HOSKINS	LIGHTS LIGHTS	33-40-00
	: LIGHT REPLACEMENT—GRIMES & SDI : LIGHT WIRING—GRIMES & SDI	FIGHI2	33-40-00 33-40-00
STROBE	LIGHT-SYS CHECK DUT-HOSKINS	LIGHTS	33-40-00
	LIGHTS-HIGH INTENSITY-HOSKINS	LIGHTS	33-00-00 33-00-00
31KUBE	LIGHTS-HIGH INTENSITY-GRIMES&SDI	LIGHTS	33-00-00

COMPONENT ITEM OR SYSTEM NAME	CHAPTER NAME	CHAPTER & SUB. CHAPTER
S		
STRUCTURAL REPAIR SURFACE DEICER BODT INSTALLATION SURFACE DEICER BODT REMOVAL SURFACE DEICER COMPONENT LOCATION SURFACE DEICER COMPONENT REPLACEMENT SURFACE DEICER SERVICING SYNCHRONIZER CHECKS	STRUCTURES ICE AND RAIN PROTECTION PROPELLERS PROPELLERS PROPELLERS PROPELLERS PROPELLERS PROPELLERS	51-00-00 30-10-00 30-10-00 30-10-00 30-10-00 61-00-00 61-00-00 61-00-00 61-00-00
T		
TEST EQUIPMENT TEST OUTFLOW & SAFETY VALVE TEST PROCEDURE (P-4 & AFTER) TEST, CABIN PRESSURIZATION LEAKAGE THREAD LUBRICANTS THREAD LUBRICANTS CHART TIRES TIRES TIT INDICATOR CALIBRATION	LANDING GEAR SERVICING ENGINE INDICATING MATER/MASTE STANDARD PRACTICES—AIRFR CHARTS TOWING TAXING FLIGHT CONTROLS FLIGHT CONTROLS FLIGHT CONTROLS FLIGHT CONTROLS ICE AND RAIN PROTECTION TURBINES AIR CONDITIONING ICE AND RAIN PROTECTION ELECTRICAL POWER ELECTRICAL POWER LANDING GEAR POWER PLANT ELECTRICAL POWER AIR CONDITIONING LIGHTS LANDING GEAR AUTO FLIGHT NAYIGATION AIR CONDITIONING ICE AND RAIN PROTECTION PROPELLERS FLIGHT CONTROLS STARTING LIGHTS TURBINES TURBINES TURBINES TURBINES	91-00-00 91-00-00 09-00-00 27-10-00 27-30-00 27-20-00 30-40-00 81-00-00 24-31-00 24-31-00 32-00-00 24-30-00 21-00-00 33-40-00 21-00-00 21-00-00 33-40-00 21-00-00 81-00-00 81-00-00 81-00-00 81-00-00
TURBOCHARGER WASTEGATE SHAFT LUBE TURBOCHARGER WASTEGATE VALVE ADJUST TURBOCHARGER-THROTTLE/CONTROLLER RIG	TURBINES TURBINES TURBINES	81-00-00 81-00-00 81-00-00
V		
VALVE CHECK.GROUND.SAFETY VALVE FLIGHT CHECK.OUTFLOW VALVE.SAFETY & OUTFLOW TEST	AIR CONDITIONING AIR CONDITIONING AIR CONDITIONING	21-30-00 21-30-00 21-30-00

ALPHABETICAL INDEX

COMPONENT ITEM OR SYSTEM NAME	CHAPTER NAME	CHAPTER & SUB CHAPTER
W		
WASTE DISPOSAL-DESC & OPER	WATER/WASTE	38-30-00
WASTE DISPOSAL-MAINT PRACTICES	WATER/WASTE	38-30-00
WET WING TIP INSTALLATION	FUEL	28-10-00
WET WING TIP REMOVAL	FUEL	28-10-00
WINDOW HINGE INSTALLATION-STORM	WINDOWS	56-10-00
WINDOW HINGE REMOVAL-STORM	WINDOWS	56-10-00
WINDOW INSTALL-FLIGHT COMPARTMENT SIDE	WINDOWS	56-10-00
WINDOW INSTALLATION-CABIN SIDE WINDOWS	WINDOWS	56-20-00
WINDOW LATCH INSTALLATION-STORM	WINDOWS	56-10-00
WINDOW LATCH REMOVAL-STORM	WINDOWS	56-10-00
WINDOW REMOVAL-CABIN SIDE	WINDOWS	56-20 -00
WINDOW REMOVAL-FLIGHT COMPARTMENT SIDE	WINDOWS	56-10-00
WINDOWS-CLEANING	SERVICING	12-20-00
WINDOWS-CLEANING	WINDOWS	56-00-00
WINDSHIELD DEICER SYSTEM	ICE AND RAIN PROTECTION	30-40-00
WINDSHIELD FUNCTIONAL TEST-HEATED	ICE AND RAIN PROTECTION	30-40-00
WINDSHIELD HEAT SENSOR ELEMENT RES CHK	ICE AND RAIN PROTECTION	30-40-00
WINDSHIELD INSTALLATION	WINDOWS	56-10-00
WINDSHIELD REMOVAL	WINDOWS	56-10-00
WINDSHIELO RESISTANCE CHECK-HEATED	ICE AND RAIN PROTECTION	30-40-00
WING ACCESS OPENINGS	WINGS	57-30-00
WING ADJUSTMENT	WINGS	57-00-00
WING ASSEMBLY	WINGS	57-00-00
WING ATTACH FITTINGS	WINGS	57-40-00
WING BOLT REPLACEMENT P-4 THRU P-61	HINGS	57-00-00
WING DISASSEMBLY	WINGS	57-00-00
WING INSTALLATION	WINGS	57-00-00
WING REMOVAL	WINGS	57-00-00
WING TIP INSTALLATION	WINGS	57-00-00
WING TIP REMOVAL	WINGS	57-00-00

"END"