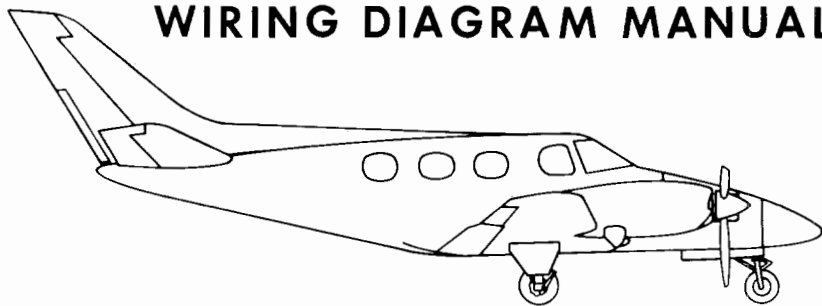


Beechcraft® DUKE

**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)**

WIRING DIAGRAM MANUAL



PUBLISHED BY
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LIST OF EFFECTIVE REVISIONS

Always destroy superseded pages when you insert revised pages.

LOG OF REVISIONS

Part Number

Date

Chapters Affected

60-590001-29

November 2, 1973

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

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. A₁ 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.

BEECHCRAFT DUKE 60 SERIES WIRING DIAGRAM MANUAL

INTRODUCTION

This BEECHCRAFT Duke 60 Series Wiring Diagram Manual is prepared generally in accordance with the ATA (Air Transport Association) Specification No. 100 format. The content of this manual 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 Aircraft 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/Chapter - 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 maintenance manual for a large airliner, a maintenance manual for a BEECHCRAFT-HAWKER BH-125, or a wiring diagram manual for a Beech Duke 60 series aircraft, the person seeking information on a particular subject will find the desired information presented within the same chapter of each manual.

HOW THE MANUAL IS USED.

ATA CHAPTER - SYSTEM INDEX

A person who is completely unfamiliar with the ATA numbering system can refer to the ATA Chapter-System Index Guide to find the number of the System-Chapter and

the Sub-System Section containing the desired information. From here he will proceed to the Divider-Tab bearing the number and title of the chapter in which the desired information is presented. The Table of Contents in the front of each chapter will list all of the material covered within this chapter. For example, if the wiring diagram for the Fuel Quantity Indicator installed on the aircraft serial P-155 is desired, it may be found in the following manner:

a. Look in the ATA Chapter-System Index Guide. It will show that System Chapter 28 covers fuel and that the Sub-System 40 of Chapter 28 covers the various indicators of fuel.

b. Turning to the Table of Contents for Chapter 28, the following information will be found within the list:

	Chapter System Subject	Page
FUEL	28	
Indicating	28-40	
Fuel Quantity P-155 and after	28-40-01	1 thru 3

c. The material is arranged within the chapter in ascending numerical sequence. The Chapter-System Subject number and page number are found at the lower outside corner of each page.

ALPHABETICAL INDEX

An alphabetical index, which may be found beginning on page 7 of the Introduction, is also provided as an assistance in locating the desired circuit. The alphabetical index provides the chapter and sub-chapter in which a circuit appears. Reference to the Table of Contents in the front of the indicated chapter will provide the unit/subject of the particular circuit for the aircraft serial in question.

EFFECTIVITY

LOG 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 following each Chapter Divider-Tab, lists the issue date of each page that is effective for that chapter.

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ATA-100 CHAPTER-SYSTEM INDEX GUIDE

NOTE

The chapters that are indicated "NA" are not applicable and are therefore not covered within the Wiring Diagram Manual.

<i>System Chapter</i>	<i>Sub-System Section</i>	<i>Title</i>		<i>System Chapter</i>	<i>Sub-System Section</i>	<i>Title</i>	
INTRODUCTION				23	Communications		NA
AIRCRAFT GENERAL				24	Electrical Power		
5	Time Limits/Maintenance Checks	NA			00	General	
6	Dimension and Areas	NA			10	Generator Drive	
7	Lifting and Shoring	NA			20	AC Generation	
8	Leveling and Weighing	NA			30	DC Generation	
8	Leveling and Weighing	NA			40	External Power	
8	Leveling and Weighing	NA			50	Electrical Load Distribution	
9	Towing and Taxiing	NA		25	Equipment/Furnishings		
10	Parking and Mooring	NA			00	General	
11	Placards and Markings	NA			10	Flight Compartment	
11	Placards and Markings	NA			20	Passenger Compartment	
11	Placards and Markings	NA			30	Buffet/Galley	
12	Servicing	NA			40	Lavatories	
12	Servicing	NA			50	Cargo Compartments	
12	Servicing	NA			60	Emergency	
12	Servicing	NA			70	Accessory Compartments	
AIRFRAME SYSTEMS				26	Fire Protection		NA
20	Standard Practices-Airframe	NA		27	Flight Controls		
21	Air Conditioning				00	General	
					10	Aileron and Tab	
					20	Rudder and Tab	
					30	Elevator and Tab	
					40	Horizontal Stabilizers	
					50	Flaps	
					60	Spoiler, Drag Devices and Variable Aerodynamic Fairings	
					70	Gust Lock and Dampener	
					80	Lift Augmenting	
22	Auto Flight			28	Fuel		
					00	General	
					10	Storage	
					20	Distribution	
					30	Dump	
					40	Indicating	

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ATA-100 CHAPTER-SYSTEM INDEX GUIDE

<i>System Chapter</i>	<i>Sub-System Section</i>	<i>Title</i>	<i>System Chapter</i>	<i>Sub-System Section</i>	<i>Title</i>
AIRFRAME SYSTEMS (Cont'd)					
29	Hydraulic Power	NA	35	Oxygen	NA
30	Ice and Rain Protection		36	Pneumatic	NA
	00 General		37	Vacuum	NA
	10 Airfoil		38	Water/Waste	NA
	20 Air Intakes		39	Electrical/Electronic Panels and Multipurpose Components	
	30 Pitot and Static			00 General	
	40 Windows and Windshields			10 Instrument and Control Panels	
	50 Antennas and Radomes			20 Electrical and Electronic Equipment Racks	
	60 Propellers/Rotors			30 Electrical and Electronic Junction Boxes	
	70 Water Lines			40 Multipurpose Electronic Components	
	80 Detection			50 Integrated Circuits	
31	Indicating/Recording Systems			60 Printed Circuit Card Assemblies	
	00 General		49	Airborne Auxiliary Power	NA
	10 Unassigned		STRUCTURES		
	20 Unassigned		51	Structures	NA
	30 Recorders		52	Doors	
	40 Central Computers			00 General	
	50 Central Warning Systems			10 Passenger/Crew	
32	Landing Gear			20 Emergency Exit	
	00 General			30 Cargo	
	10 Main Gear and Doors			40 Service	
	20 Nose Gear and Doors			50 Fixed Interior	
	30 Extension and Retraction			60 Entrance Stairs	
	40 Wheels and Brakes			70 Door Warning	
	50 Steering			80 Landing Gear	
	60 Position and Warning				
	70 Supplementary Gear				
33	Lights		53	Fuselage	NA
	00 General		54	Nacelles/Pylons	NA
	10 Flight Compartment		55	Stabilizers	NA
	20 Passenger Compartments		56	Windows	NA
	30 Cargo and Service Compartments		57	Wings	NA
	40 Exterior				
	50 Emergency Lighting				
34	Navigation				
	00 General				
	10 Flight Environment Data				
	20 Attitude and Direction				
	30 Landing and Taxiing Aids				
	40 Independent Position Determining				
	50 Dependent Position Determining				
	60 Position Computing				

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ATA-100 CHAPTER-SYSTEM INDEX GUIDE

<i>System Chapter</i>	<i>Sub-System Section</i>	<i>Title</i>	<i>System Chapter</i>	<i>Sub-System Section</i>	<i>Title</i>
PROPELLER					
			75	Air	NA
60	Standard Practices - Propeller	NA	76	Engine Controls	
61	Propellers			00 General	
	00 General			10 Power Control	
	10 Propeller Assembly			20 Emergency Shutdown	
	20 Controlling		77	Engine Indicating	
	30 Braking			00 General	
	40 Indicating			10 Power	
				20 Temperature	
				30 Analyzers	
POWER PLANT					
70	Standard Practices - Engine	NA	78	Exhaust	NA
71	Power Plant		79	Oil	
	00 General			00 General	
	10 Cowling			10 Storage	
	20 Mounts			20 Distribution	
	30 Fireseals			30 Indicating	
	40 Attach Fittings		80	Starting	NA
	50 Electrical Harness			00 General	
	60 Air Intakes			10 Cranking	
	70 Engine Drains				
72	Engine	NA			
73	Engine Fuel and Control		81	Turbines	NA
	00 General		83	Accessory Gearboxes	NA
	10 Distribution		91	Charts	NA
	20 Controlling				
	30 Indicating				
			INSPECTION		NA
74	Ignition				
	00 General				
	10 Electrical Power Supply				
	20 Distribution				
	30 Switching				

BEECHCRAFT DUKE 60 SERIES WIRING DIAGRAM MANUAL

WIRING DIAGRAMS

To facilitate locating components and tracing the circuitry of individual diagrams, each wire is identified by the wire code it bears in the aircraft. The individual circuit components are indexed and identified in each diagram. The approximate locations of all indexed items are shown on a plan view of the airplane appearing with the diagrams. Recently prepared circuit diagrams reflect a change in the manner of component identification. The individual circuit components are identified by a number and component name adjacent to each item. The approximate vertical locations of the items are designated by special symbols used on the plan view of the aircraft. A circle indicates that the associated item is located in the upper portion; a triangle indicates the mid-portion; and a square indicates the lower portion of the designated area of the aircraft.

Location Code

- = Upper Area
- ▲ = Mid Area
- = Lower Area

The diagrams show the terminals, wire numbers, switches, etc., in a manner which will make the operation of each component easily understandable. The circuits are shown consistent with the position of switches and conditions noted on the diagrams. Symbols used in the wiring diagrams appear in the introduction of this manual.

EQUIPMENT LIST

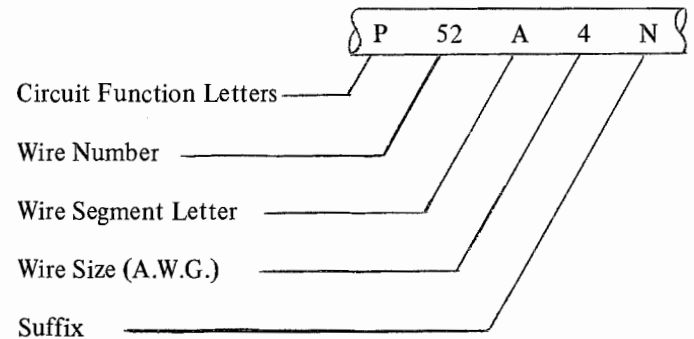
A listing of the part numbers of the components accompanies each wiring diagram to aid maintenance personnel in ordering spares replacements.

NUMERICAL INDEX

All of the parts listed in the Wiring Diagram Manual are arranged alpha-numerically in the Numerical Index. The number of the wiring diagram (diagrams) in which the component is found and the index assigned to the component in the wiring diagram accompanies each part number in the Numerical Index.

WIRE CODES

The wire codes used in the BEECHCRAFT King Air closely follow the military numbering system. Briefly, a wire code consists of a circuit function letter, wire number, wire segment letter and wire size (American Wire Gage). Frequently a suffix indicating ground (N), phase (A, B, etc.) or thermocouple material (alumel etc.) is added.



A list of circuit function designations follows:

- A Armaments
- B Photographic
- C Control surfaces; automatic pilot
- D Instruments other than flight or engine instrument; ammeter, landing gear position, free air temperature, cabin pressure, etc.
- E Engine instrument; fuel flow, fuel quantity, tachometer, synchroscope, etc.
- F Flight instrument
- G Landing gear, actuator, retraction, warning, down lock, etc.
- H Heating, ventilating, deicing
- J Ignition
- K Engine Control; starter, prop pitch, prop synchronizer, etc.
- L Lighting
- M Miscellaneous electric; windshield wiper, etc.
- P DC power
- Q Fuel and oil; fuel valves, fuel pump motors, throttle control, oil pumps, etc.
- R Radio; RC-radio command, RM-marker beacon, etc.
- S Radar; SA-altimeter, SS-search, etc.
- T Special electronics; TK-telemetry, TR-receivers, etc.
- U Miscellaneous electronics (other than R, S or T)
- V DC power for AC systems
- W Warning and emergency
- X AC power
- Y Armaments special systems

BEECHCRAFT DUKE 60 SERIES WIRING DIAGRAM MANUAL

SYMBOLS

<p style="text-align: center;">CIRCUIT BREAKERS</p> <p style="text-align: center;">SWITCH TYPE PUSH TYPE PUSH-PULL TYPE</p>	<p style="text-align: center;">TEMPERATURE BULB</p>	<p style="text-align: center;">PIN JACKS</p> <p style="text-align: center;">B R</p>	<p style="text-align: center;">PUSH BUTTON SWITCHES</p> <p style="text-align: center;">NORMALLY CLOSED NORMALLY OPEN</p>			
<p style="text-align: center;">BRIDGE TYPE RECTIFIER</p>	<p style="text-align: center;">SHUNT</p>	<p style="text-align: center;">SPLICE</p> <p style="text-align: center;">PERMANENT DISCONNECT</p>	<p style="text-align: center;">METER</p> <p style="text-align: center;">A AMMETER V VOLTMETER</p>	<p style="text-align: center;">PRESSURE SWITCHES</p> <p style="text-align: center;">NORMALLY OPEN NORMALLY CLOSED</p>		
<p style="text-align: center;">BOOSTER</p>	<p style="text-align: center;">MOTOR OR GEN</p>	<p style="text-align: center;">BATTERY</p>	<p style="text-align: center;">COILS OTHER THAN RELAY</p>	<p style="text-align: center;">GROUND</p>	<p style="text-align: center;">THERMOSTAT</p> <p style="text-align: center;">NORMALLY OPEN NORMALLY CLOSED</p>	<p style="text-align: center;">SLIP RING</p>
<p style="text-align: center;">AUDIBLE SIGNAL DEVICES</p> <p style="text-align: center;">HN - HORN BUZZER BELL SN - SIREN LS - LOUDSPEAKER</p>	<p style="text-align: center;">PITOT HEATER</p>	<p style="text-align: center;">BASIC RELAY</p>	<p style="text-align: center;">POLARIZED RELAY</p>	<p style="text-align: center;">AMPLIFIER</p>		
<p style="text-align: center;">BUS BAR</p>	<p style="text-align: center;">PLUG AND RECEPTACLE</p> <p style="text-align: center;">PLUG RECEPTACLE</p>	<p style="text-align: center;">THERMAL SWITCH</p> <p style="text-align: center;">NORMALLY OPEN WITH INTERNAL HEATER</p>	<p style="text-align: center;">CAPACITOR</p> <p style="text-align: center;">FIXED VARIABLE</p>	<p style="text-align: center;">LAMP</p> <p style="text-align: center;">INCANDESCENT DUAL ELEMENT</p>		
<p style="text-align: center;">TRANSFORMER</p> <p style="text-align: center;">GENERAL IRON CORE</p>	<p style="text-align: center;">SYMBOLS</p> <p style="text-align: center;">MECHANICAL LINKAGE</p> <p style="text-align: center;">Ω OHMS ~ CYCLES ∅ PHASE</p>	<p style="text-align: center;">TERMINAL STRIP</p>	<p style="text-align: center;">THERMAL SWITCH</p> <p style="text-align: center;">NORMALLY OPEN NORMALLY CLOSED</p>	<p style="text-align: center;">SWITCHES</p> <p style="text-align: center;">SPST SPDT SPDT (MC) (CTR OFF) SPST (MC) SPDT (ONE SIDE MC) SPDT (CTR OFF)</p>		
<p style="text-align: center;">WARNING LIGHTS</p> <p style="text-align: center;">JEWEL INDICATOR PUSH TO TEST</p>	<p style="text-align: center;">THERMOCOUPLE</p>	<p style="text-align: center;">TRANSISTOR</p>	<p style="text-align: center;">FUSE</p>	<p style="text-align: center;">SHIELDED WIRE</p>	<p style="text-align: center;">DIODE</p>	
<p style="text-align: center;">RESISTORS</p> <p style="text-align: center;">FIXED VARIABLE</p>	<p style="text-align: center;">HEATER ELEMENT</p>	<p style="text-align: center;">ARMATURE</p>	<p style="text-align: center;">UNTERMINATED WIRE WITH END INSULATED</p>	<p style="text-align: center;">ANTENNA</p> <p style="text-align: center;">GENERAL DIPOLE LOOP</p>		
<p style="text-align: center;">HANDSET</p> <p style="text-align: center;">4 WIRE 3 WIRE</p>	<p style="text-align: center;">MICROPHONE</p>	<p style="text-align: center;">PHONE OR MIKE JACKS</p>	<p style="text-align: center;">PHONE PLUG</p> <p style="text-align: center;">TIP SLEEVE</p>	<p style="text-align: center;">VACUUM TUBES</p> <p style="text-align: center;">TRIODE DUAL-TRIODE</p>		

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B		
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COMPONENT ITEM OR SYSTEM NAME	CHAPTER NAME	CHAPTER & SUB CHAPTER
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S		
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STROBE LIGHTS(HOSKINS)	LIGHTS	33-45
SUBPANEL LIGHTS	LIGHTS	33-16
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TAXI LIGHT	LIGHTS	33-41
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U		
UTILITY	EQUIPMENT/FURNISHINGS	25-31
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WINDSHIELD DEICER (PILOT'S AND COPILOT'S)	ICE AND RAIN PROTECTION	30-41
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"END"

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PART NUMBER	ATA CODE & INDEX NO.	QTY. PER ART.	PART NUMBER	ATA CODE & INDEX NO.	QTY. PER ART.	PART NUMBER	ATA CODE & INDEX NO.	QTY. PER ART.
60-389027	21-61-02-020	1	60-550033	21-61-03-036	1	70H10	24-50-04	4
60-389027	21-61-03-020	1	60-550033	21-61-04-036	1	7271-8-7	30-30-01	1
60-389031-11	28-40-02-010	1	60-555019-25	21-61-04-015	1	7274-2-1/2	28-40-02-001	2
60-389031-9	28-40-02-008	1	60-555019-25	21-61-03-015	1	7274-2-1/2	28-40-01-001	2
60-389033-1	24-40-01	1	60-555019-25	21-61-02-015	1	7274-2-15	28-20-01-001	2
60-389033-1	24-40-02-004	1	60-555019-25	21-61-01-015	1	7274-2-3/4	30-41-01-002	1
60-41H189	24-31-02-007	2	60-910001-7	24-31-01-011	2	7274-2-3/4	30-41-01-004	1
60-41H189	24-31-01-007	2	60-910001-7	24-31-02-011	2	7274-2-3/4	30-40-02-002	1
60-500041	22-10-05-012	1	60-910052	77-10-01-008	1	7274-2-3/4	30-41-02-002	1
60-500041	22-10-04-012	1	60-910052	77-10-01-007	1	7274-2-3/4	30-40-01-002	1
60-500041	22-10-03-012	1	60-921016-25	28-40-01-010	1	7274-2-3/4	30-41-02-004	1
60-524106-601	33-17-01-002	1	60-921016-27	28-40-01-008	1	7277-2-5	24-34-01-001	1
60-524106-603	33-17-01	1	60-921039-7	28-40-01-007	2	7277-2-5	24-34-02-001	1
60-524108	33-17-01	1	60-921040-11	28-40-01-006	2	776059B	21-60-02	1
60-524109-1	33-17-01	1	6041H189	24-40-02-003	1	8409	33-11-01-009	1
60-524109-603	33-17-01-003	1	6041H189	24-40-01-008	1	8906K1445	27-50-01-002	1
60-524110-1	33-17-01	1	6041H189	24-40-02-015	1	8906K1445	27-50-02-002	1
60-524168-3	27-30-02-002	1	6041H189	24-40-01-003	1	9133-5481	73-30-01-012	1
60-524168-3	27-31-01-002	1	6041H189	24-40-01-015	1	9133-5481	73-30-01-011	1
60-524168-3	27-30-01-002	1	6041H189	80-10-01-013	1	96-324181	28-40-02-002	2
60-550021	21-32-02-006	1	6041H189	80-10-01-014	1	96-380014-5	77-10-01-001	1
60-550021	21-31-01-006	1	6041H189	24-40-01-014	1	96-380021-15	71-10-01-009	1
60-550021	21-32-01-006	1	6041H189	24-40-02-014	1	96-380021-15	71-10-01-008	1
60-550021	21-31-02-006	1	6041H189	24-40-02-008	1	96-380021-15	71-10-02-008	1
60-550025	21-60-01-010	1	6041H189	80-10-03-013	1	96-380021-15	71-10-02-009	1
60-550025	21-60-02-010	1	6041H189	80-10-03-014	1	96-380022	32-30-01-016	1
60-550033	21-60-02-012	1	6041H189	80-10-02-013	1	96-380022	32-31-01-006	1
60-550033	21-60-01-012	1	6041H189	80-10-02-014	1	96-384019-1	31-30-02-004	1
60-550033	21-61-01-036	1	6046H39A	32-31-01-005	1	96-384019-1	31-30-02-005	1

**BEECHCRAFT
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21-00-00	2	11/02/73	21-32-01	1	11/02/73	21-61-01	2	11/02/73
21-20-01	1	11/02/73	21-32-01	2	11/02/73	21-61-01	3	11/02/73
21-20-01	2	11/02/73	21-32-01	3	11/02/73	21-61-02	1	11/02/73
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21-31-01	2	11/02/73	21-60-01	3	11/02/73	21-61-04	1	11/02/73
21-31-01	3	11/02/73	21-60-02	1	11/02/73	21-61-04	2	11/02/73
21-31-02	1	11/02/73	21-60-02	2	11/02/73	21-61-04	3	11/02/73
21-31-02	2	11/02/73	21-60-02	3	11/02/73	21-61-04	4	11/02/73

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CHAPTER 21

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Cabin Altitude Warning	21-30-01	1 thru 3
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P-123, P-127 thru P-165 except P-159	21-61-03	1 thru 3
P-159, P-166 and after	21-61-04	1 thru 4

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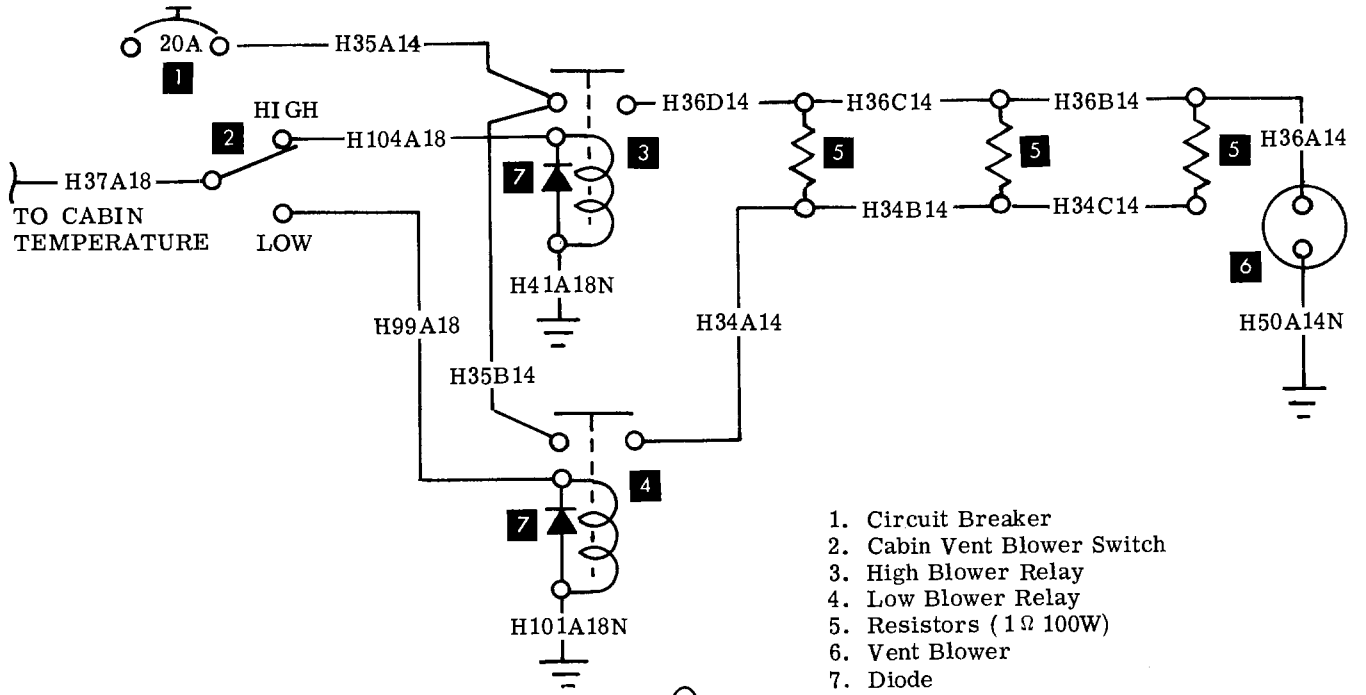
BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

21-20-01
CARIN VENTILATION BLOWER

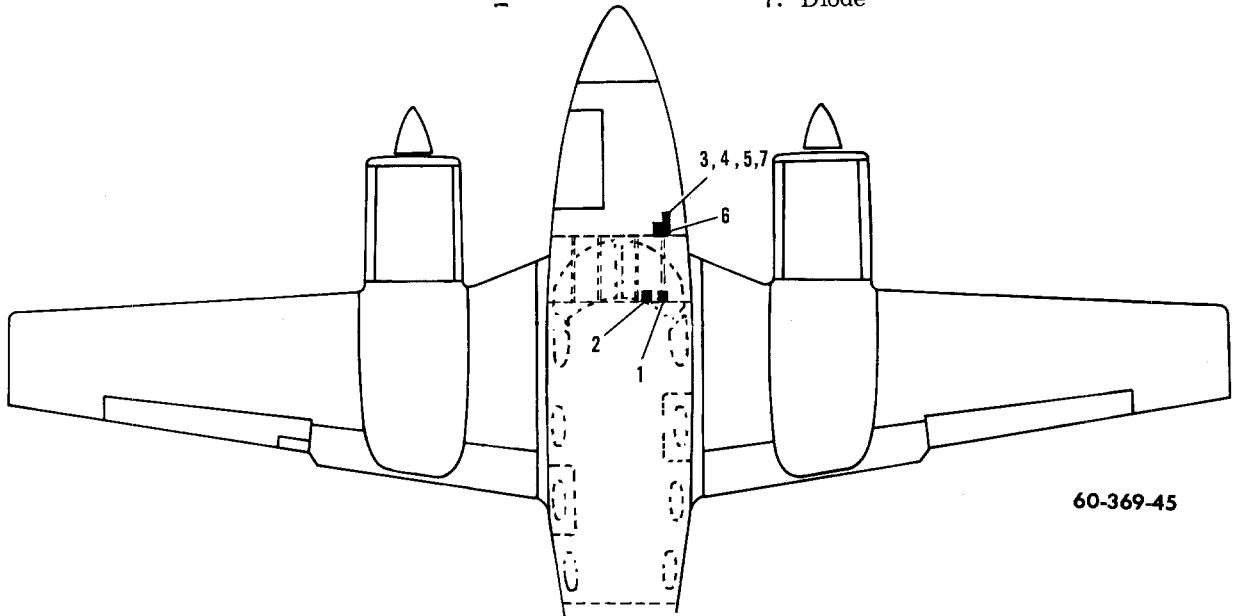
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
20-01 - 1	MS24510-20	CIRCUIT BREAKER, VENT BLOWER	1	
- 2	35-380053-652	SWITCH ASSY, VENT BLOWER	1	
	35-380053-1	. SWITCH.	NP	
	35-380052	. KNOB.	1	
- 3	AN3350-1	RELAY, HIGH SPEED BLOWER /SUPERSEDES 6041H201A/.	1	
- 4	AN3350-1	RELAY, LOW SPEED BLOWER /SUPERSEDES 6041H201A/.	1	
- 5	0600C1	RESISTOR, CABIN VENT BLOWER SWITCH /1 OHM/	3	
- 6	60-384002-5	BLOWER, CABIN VENTILATION.	1	
- 7	1N4005	DIODE, RELAY	2	

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- 1. Circuit Breaker
- 2. Cabin Vent Blower Switch
- 3. High Blower Relay
- 4. Low Blower Relay
- 5. Resistors (1Ω 100W)
- 6. Vent Blower
- 7. Diode



60-369-45

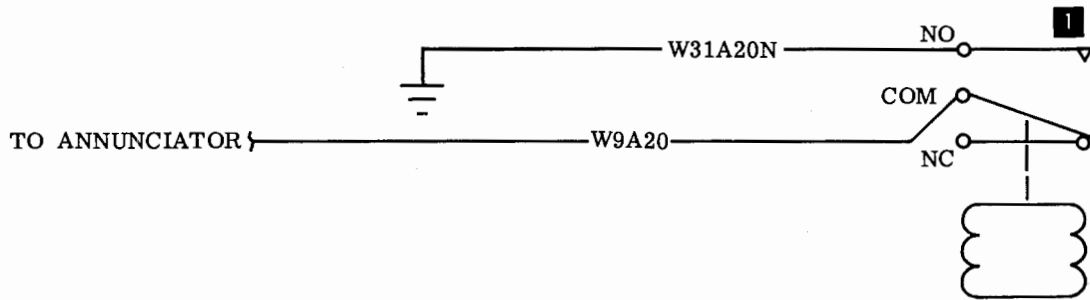
BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

21-30-01
CABIN ALTITUDE WARNING

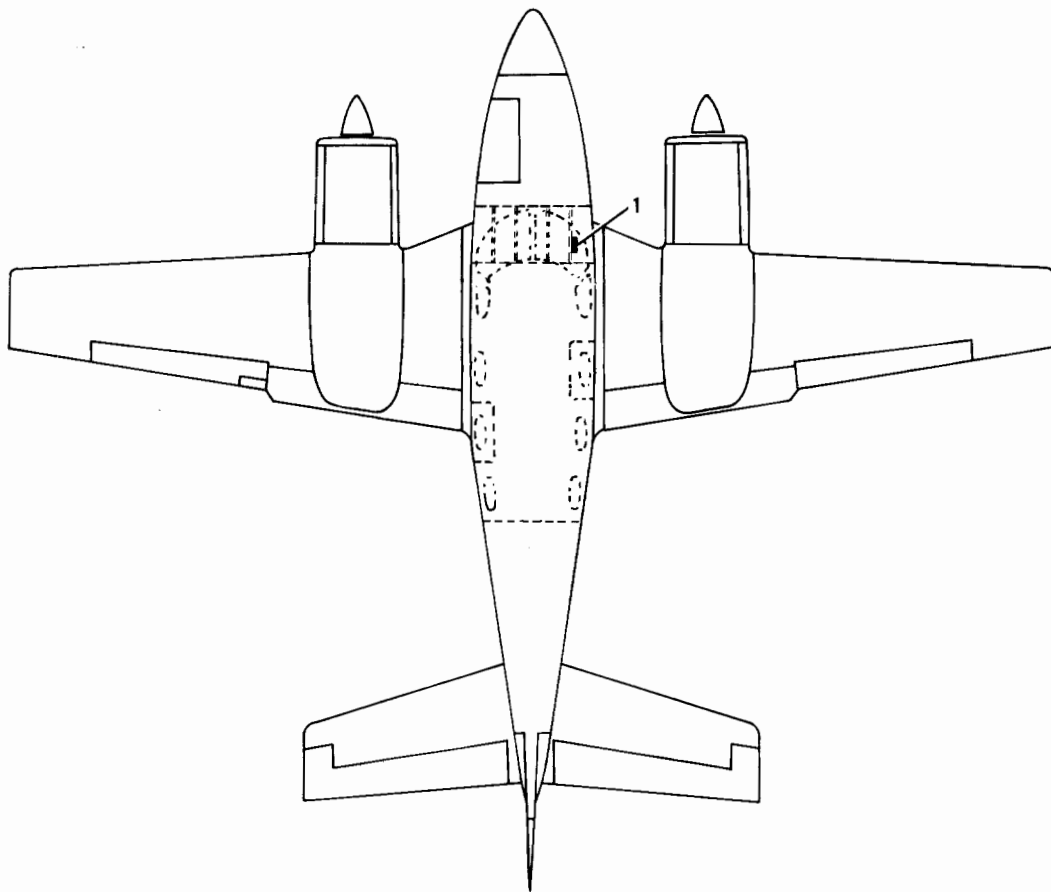
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	1 2 3 4 5 6 7	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
30-01 - 1	GB300NA57A		SWITCH, BAROMETRIC PRESSURE.	1	

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1. Cabin Altitude Warning Switch



60-369-44

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

21-31-01
PRESSURIZATION
P-4 THRU P-126 EXCEPT P-123 PRIOR TO
INCORPORATION OF S.I.0234-450 AND KIT 60-5011.

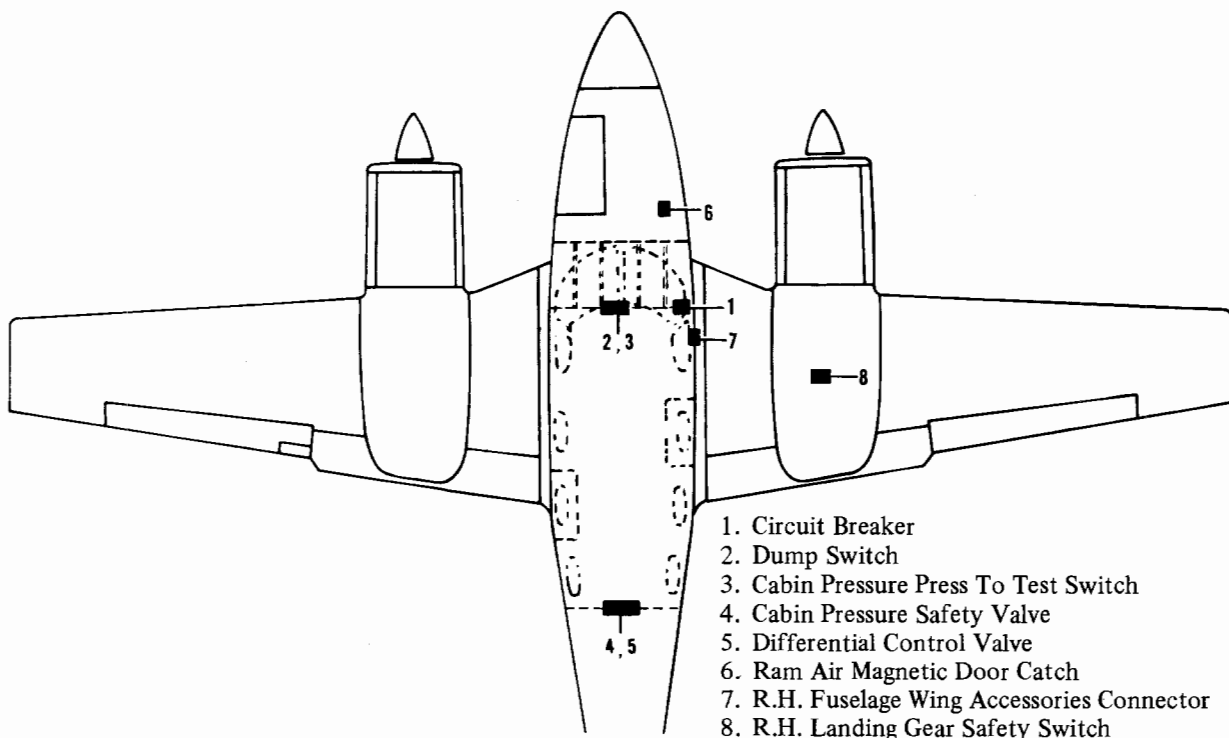
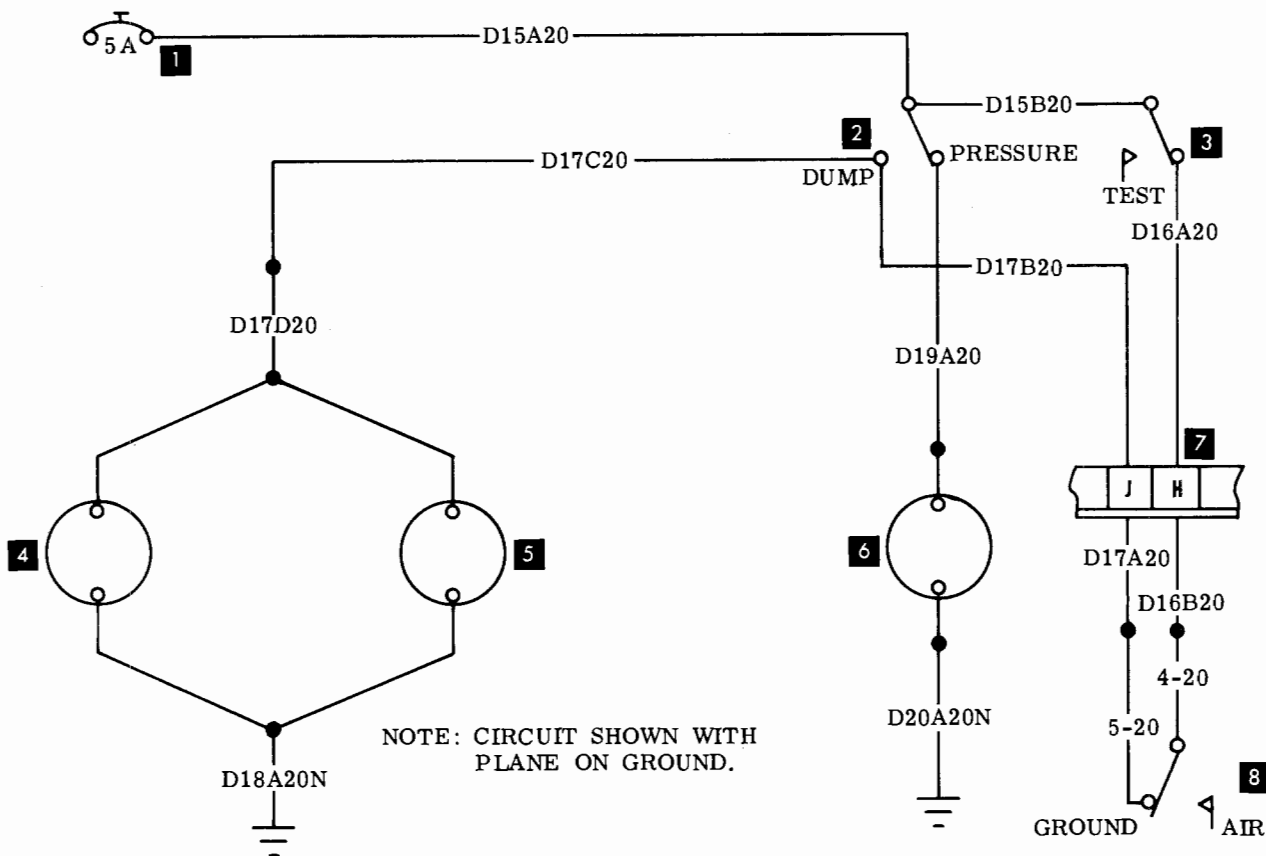
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
31-01 - 1	MS26574-5	CIRCUIT BREAKER,CABIN PRESSURIZATION.	1	1
- 2	MS25125C3	SWITCH,CABIN PRESSURE DUMP.	1	1
- 3	PM6	SWITCH,CABIN PRESSURE PRESS TO TEST	1	1
- 4	396-00-29	VALVE,CABIN PRESSURE SAFETY	1	1
- 5	4180-00-33	VALVE,OUTFLOW & DIFFERENTIAL PRESSURE CONTROL	1	1
- 6	60-550021	CATCH, RAM AIR MAGNETIC DOOR	1	1
- 7	PT07E16-22S	CONNECTOR,RH FUSELAGE WING ACCESSORIES.	1	1
	PT06A16-22P	CONNECTOR,RH FUSELAGE WING ACCESSORIES.	1	1
	AN960-1616L	WASHER,CONNECTOR.	1	1
- 8	60-369000-17	SWITCH,RH LANDING GEAR SAFETY	1	1

CODES OF EFFECTIVITY

1 P-4 THRU P-126
EXCEPT P-123 PRIOR
TO INCORPORATION OF
S.I.0234-450 AND
KIT 60-5011

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60-369-43

Pressurization
P-4 thru P-126 except P-123 prior
to incorporation of S.I. 0234-450
and Kit 60-5011

21-31-01
Page 3
November 2, 1973

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

21-31-02
PRESSURIZATION
P-123,P-127 AND AFTER AND AIRCRAFT
INCORPORATING S.I.0234-450 AND KIT 60-5011.

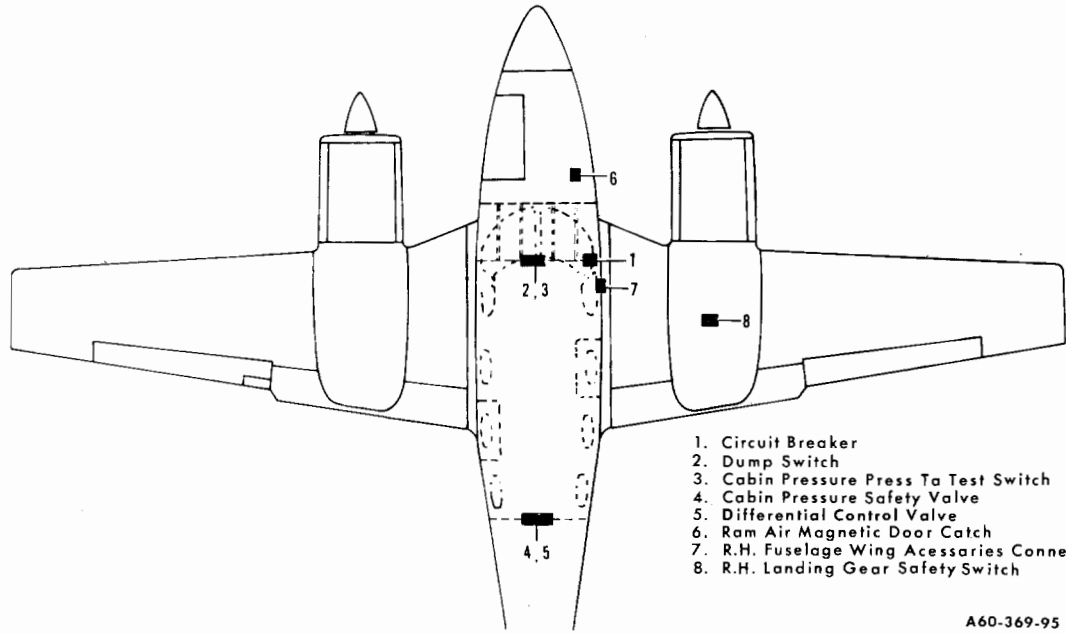
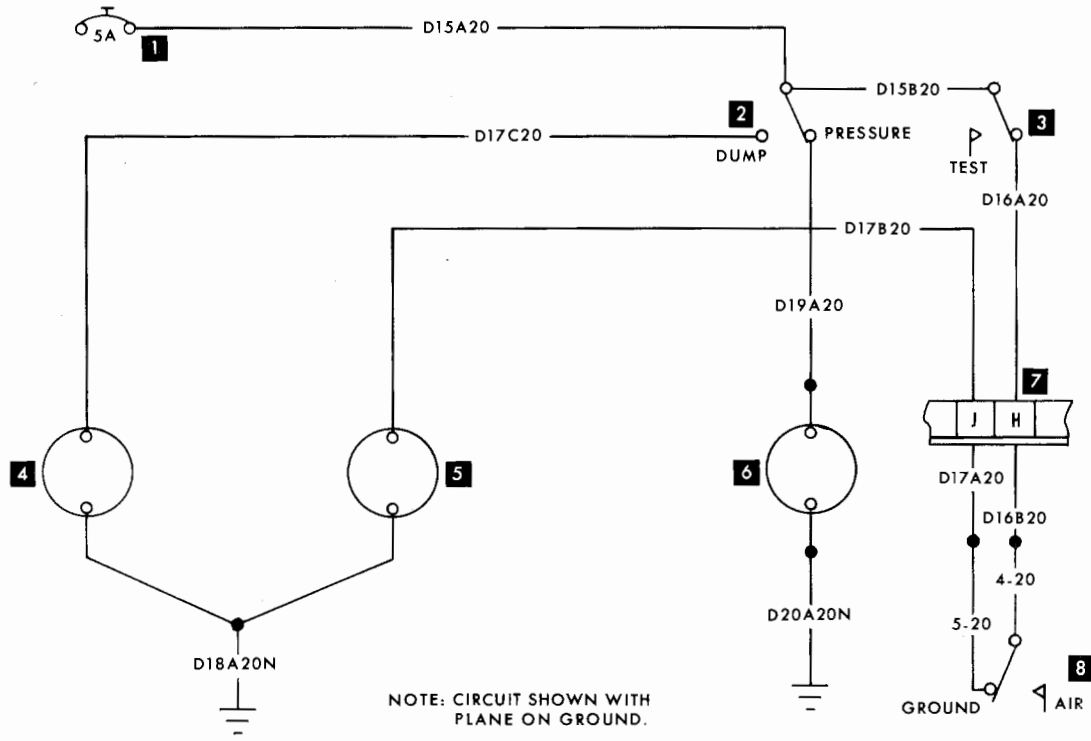
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
			1	2	3	4	5	6	7		
31-02 - 1	MS26574-5	CIRCUIT BREAKER,PRESSURIZATION.								1	1
- 2	MS25125C3	SWITCH,CABIN PRESSURE DUMP.								1	1
- 3	PM6	SWITCH,CABIN PRESSURE PRESS TO TEST								1	1
- 4	396-00-72	VALVE,CABIN PRESSURE SAFETY								1	1
- 5	4180-00-72	VALVE,OUTFLOW & DIFFERENTIAL PRESSURE CONTROL								1	1
- 6	60-550021	CATCH,RAM AIR MAGNETIC DOOR								1	1
- 7	PT07E16-22S	CONNECTOR,RH FUSELAGE WING ACCESSORIES.								1	1
	PT06A16-22P	CONNECTOR,RH FUSELAGE WING ACCESSORIES.								1	1
	AN960-1616L	WASHER,CONNECTOR.								1	1
- 8	60-269000-17	SWITCH,RH LANDING GEAR SAFETY								1	1

CODES OF EFFECTIVITY

1 P-123,
P-127 AND AFTER
AND AIRCRAFT
INCORPORATING S.I.
0234-450 AND
KIT 60-5011

BEECHCRAFT DUKE 60 SEIRES WIRING DIAGRAM MANUAL



1. Circuit Breaker
2. Dump Switch
3. Cabin Pressure Press To Test Switch
4. Cabin Pressure Safety Valve
5. Differential Control Valve
6. Ram Air Magnetic Door Catch
7. R.H. Fuselage Wing Accessories Connector
8. R.H. Landing Gear Safety Switch

A60-369-95

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

21-32-01
PRESSURIZATION /WITH MOTORIZED RATE CONTROLLER/
P-123,P-127 THRU P-169

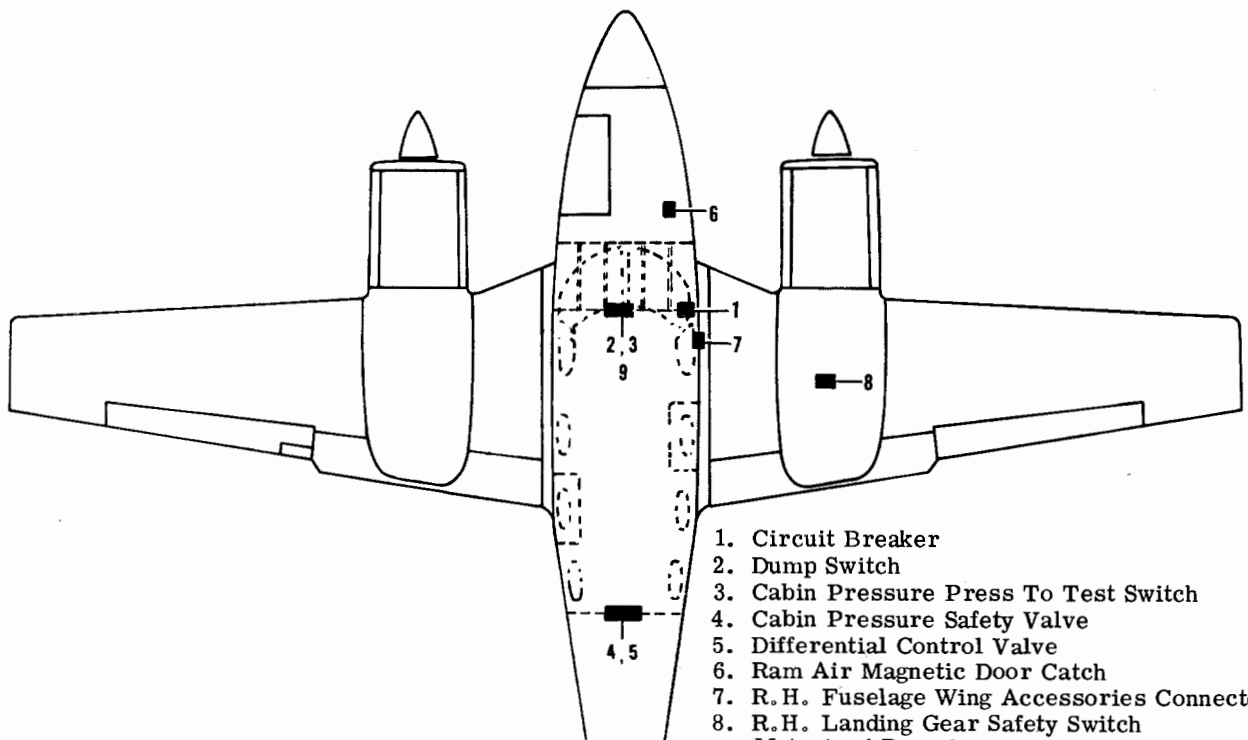
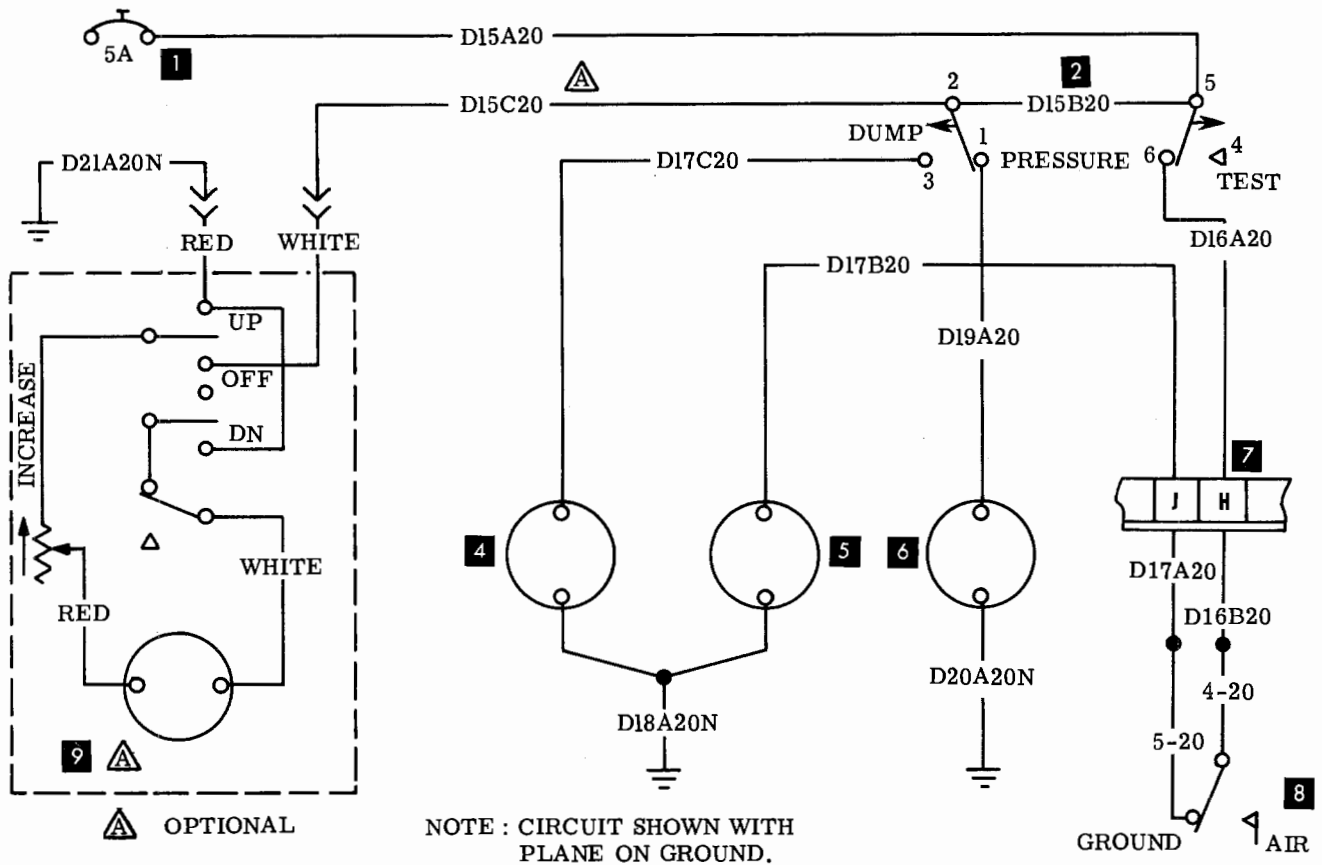
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
32-01 - 1	MS26574-5	CIRCUIT BREAKER,CABIN PRESSURIZATION.								1	1
- 2	2TL1-50M	SWITCH,CABIN PRESSURE DUMP & TEST								1	1
- 3		DELETED									
- 4	396-00-72	VALVE,CABIN PRESSURE SAFETY								1	1
- 5	4180-00-72	VALVE,OUTFLOW & DIFFERENTIAL PRESSURE CONTROL								1	1
- 6	60-550021	CATCH, RAM AIR MAGNETIC DOOR								1	1
- 7	PT07E16-22S	CONNECTOR,RH FUSELAGE WING ACCESSORIES.								1	1
	PT06A16-22P	CONNECTOR,RH FUSELAGE WING ACCESSORIES.								1	1
	AN960-1616L	WASHER,CONNECTOR.								1	1
- 8	60-369000-17	SWITCH,RH LANDING GEAR SAFETY								1	1
- 9	4344-00-72	CONTROLLER,MOTORIZED PRESSURIZATION RATE.								1	1

CODES OF EFFECTIVITY

1 P-123,
P-127 THRU P-169

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



1. Circuit Breaker
2. Dump Switch
3. Cabin Pressure Press To Test Switch
4. Cabin Pressure Safety Valve
5. Differential Control Valve
6. Ram Air Magnetic Door Catch
7. R.H. Fuselage Wing Accessories Connector
8. R.H. Landing Gear Safety Switch
9. Motorized Rate Controller

A60-369-58

Pressurization (with Motorized Rate Controller)
P-123, P-127 thru P-169

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

21-32-02
PRESSURIZATION /WITH MOTORIZED RATE CONTROLLER/
P-170 AND AFTER

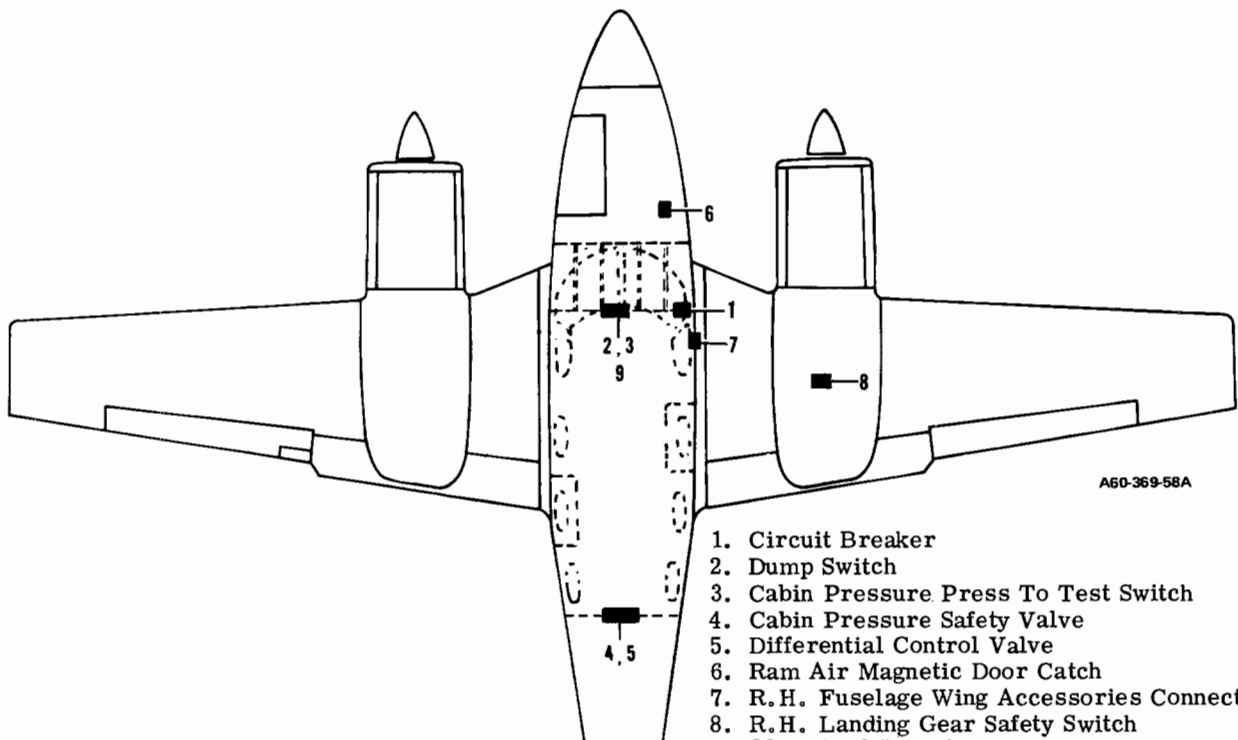
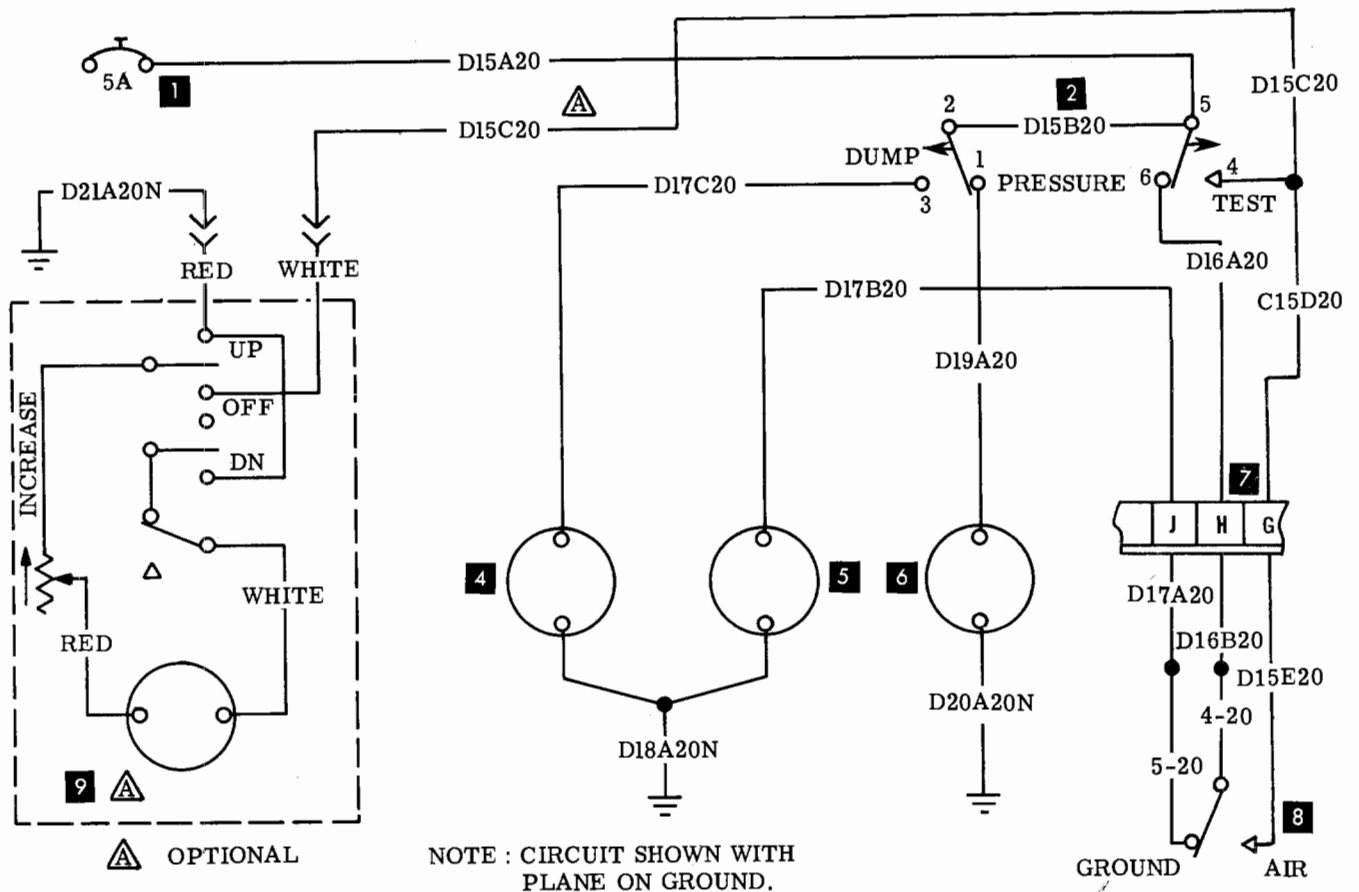
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
			1	2	3	4	5	6	7		
32-02 - 1	MS26574-5	CIRCUIT BREAKER,CABIN PRESSURIZATION.								1	1
- 2	2TL1-50M	SWITCH,CABIN PRESSURE DUMP & TEST								1	1
- 3		DELETED									
- 4	396-00-72	VALVE,CABIN PRESSURE SAFETY								1	1
- 5	4180-00-72	VALVE,OUTFLOW & DIFFERENTIAL PRESSURE CONTROL								1	1
- 6	60-550021	CATCH, RAM AIR MAGNETIC DOOR								1	1
- 7	PT07E16-22S	CONNECTOR,RH FUSELAGE WING ACCESSORIES.								1	1
	PT06A16-22P	CONNECTOR,RH FUSELAGE WING ACCESSORIES.								1	1
	AN960-1616L	WASHER,CONNECTOR.								1	1
- 8	60-369000-17	SWITCH,RH LANDING GEAR SAFETY								1	1
- 9	4344-00-72	CONTROLLER,MOTORIZED PRESSURIZATION RATE.								1	1

CODES OF EFFECTIVITY

1 P-170 AND AFTER

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



1. Circuit Breaker
2. Dump Switch
3. Cabin Pressure Press To Test Switch
4. Cabin Pressure Safety Valve
5. Differential Control Valve
6. Ram Air Magnetic Door Catch
7. R.H. Fuselage Wing Accessories Connector
8. R.H. Landing Gear Safety Switch
9. Motorized Rate Controller

Pressurization (with Motorized Rate Controller)
P-170 and after

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

21-1000
CABIN TEMPER
P-4 1951 P-12

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY							USABLE ON CODE
			1	2	3	4	5	6	7	
60-01 - 1	MS26574-10	CIRCUIT BREAKER,CABIN TEMPERATURE CONTROL . . .							1	1
- 2	IRM6-50	SWITCH,MODE SELECT.							1	1
	60-324082	KNOB,MODE SELECT SWITCH							1	1
- 3	AGC5	FUSE,AUTO HEAT.							1	1
	4532	FUSEHOLDER,AUTO HEAT & MANUAL HEAT.							1	1
- 4	1N1342	DIODE,AUTO HEAT BLOCKING.							1	1
- 5	1N1342	DIODE,MANUAL HEAT BLOCKING.							1	1
	15032	TERMINAL BOARD,AUTO & MANUAL BLOCKING DIODE . . .							1	1
- 6	1N1342	DIODE,COMBUSTION BLOWER BLOCKING.							1	1
- 7	AGC5	FUSE,MANUAL HEAT.							1	1
- 8	476284	PUMP,HEATER FUEL.							1	1
	7760598	CONNECTOR,HEATER FUEL PUMP.							1	1
- 9	PT07E22-21S	CONNECTOR,FWD PRESSURE BULKHEAD							1	1
	PT06A22-21P	CONNECTOR,FWD PRESSURE BULKHEAD							1	1
	60-364000-59	SPACER,CONNECTOR.							1	1
- 10	60-550025	VALVE,COMBUSTION AIR SOLENOID							1	1
	60-364014	SOLENOID,COMBUSTION AIR VALVE							1	1
- 11	M1090075241	SWITCH,AVIONICS THERMOSTAT.							1	1
- 12	60-550033	BLOWER,COMBUSTION AIR							1	1
- 13	MS27212-1-8	TERMINAL BOARD,SUBPANEL LH.							1	1
	114675A1-8	STRIP,TERMINAL IDENTIFICATION							1	1
- 14	CYL29504	CONTROLLER,CABIN TEMPERATURE.							1	1
- 15	0115	RHEOSTAT,TEMPERATURE CONTROL.							1	1
- 16	50-380048-1	RELAY,AUTO OR MANUAL HEAT							1	1
- 17	50-380048-1	RELAY,HEATER CYCLE.							1	1
- 18	50-380046-1	RELAY,HEATER SAFETY							1	1
- 19	AD14D11-70	VALVE,REMOTE HEATER SOLENOID.							1	1
- 20	3 OHM 10 WATT	RESISTOR,HEATER TO GROUND /TYPE 3742/							1	1
	2163	WASHER,FIBER INSULATING							2	1
- 21	60-364000-47	SENSOR,CABIN AIR TEMPERATURE.							1	1
- 22	AYLF2336-2	SENSOR,OUTSIDE AIR TEMPERATURE.							1	1
	MS3106A/B12S3S	CONNECTOR,OAT SENSOR.							1	1
- 23	AYLF3001-1	SENSOR,HEATER DISCHARGE TEMPERATURE							1	1
	MS3106A/B12S3S	CONNECTOR,HEATER DISCHARGE TEMP SENSOR.							1	1
- 24	60-384014-1	HEATER.							1	1
- 25	57D27	FILTER,IGNITION							1	1
- 26	52D7G	IGNITION UNIT,HEATER.							1	1
- 27	42D36	SWITCH,DIFFERENTIAL PRESSURE.							1	1
- 28	807D32	SWITCH,THERMAL CYCLING.							1	1
- 29	57D06	NOZZLE HOLDER & VALVE ASSY,FUEL FEED.							1	1
- 30	56D01	SWITCH,THERMAL OVERTEMPERATURE.							1	1
- 31	07D44	TERMINAL BOARD,HEATER							1	1
- 32	MS27212-1-8	TERMINAL BOARD,SUBPANEL RH.							1	1
	114675C1-8	STRIP,TERMINAL IDENTIFICATION							1	1
	MS25083-1AB5	STRAP,GROUND BONDING.							1	1
- 33	1N4005	DIODE							2	1

CODES OF EFFECTIVITY

1 P-4 THRU P-126,
EXCEPT P-123

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21-60-02
CABIN TEMPERATURE /HEATER/
P-123,P-127 AND AFTER

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY							USABLE ON CODE
			1	2	3	4	5	6	7	
60-02 - 1	MS26574-10	CIRCUIT BREAKER,CABIN TEMPERATURE CONTROL . . .							1	1
- 2	IRM6-50	SWITCH,MODE SELECT.							1	1
	60-324082	KNOB,MODE SELECT SWITCH							1	1
- 3	AGC5	FUSE,AUTO HEAT.							1	1
	4532	FUSEHOLDER,AUTO & MANUAL HEAT							1	1
- 4	1N1342	DIODE,AUTO HEAT BLOCKING.							1	1
- 5	1N1342	DIODE,MANUAL HEAT BLOCKING.							1	1
	15032	TERMINAL BOARD,AUTO & MANUAL BLOCKING DIODE . . .							1	1
- 6	1N1342	DIODE,COMBUSTION BLOWER BLOCKING.							1	1
- 7	AGC5	FUSE,MANUAL HEAT.							1	1
- 8	476284	PUMP,HEATER FUEL.							1	1
	7760598	CONNECTOR,HEATER FUEL PUMP.							1	1
- 9	PT07E22-21S	CONNECTOR,FWD PRESSURE BULKHEAD							1	1
	PT06A22-21P	CONNECTOR,FWD PRESSURE BULKHEAD							1	1
	60-364000-59	SPACER,CONNECTOR.							1	1
- 10	60-550025	VALVE,COMBUSTION AIR SOLENOID							1	1
	60-364014	. SOLENOID, COMBUSTION AIR VALVE.							1	1
- 11	M1090075241	SWITCH,AVIONICS THERMOSTAT.							1	1
- 12	60-550033	BLOWER,COMBUSTION AIR							1	1
- 13	MS27212-1-8	TERMINAL BOARD,SUBPANEL LH.							1	1
	114675A1-8	STRIP,TERMINAL IDENTIFICATION							1	1
- 14	CYLZ9504	CONTROLLER,CABIN TEMPERATURE.							1	1
- 15	0115	RHEOSTAT,TEMPERATURE CONTROL.							1	1
- 16		DELETED								
- 17	50-380048-1	RELAY,TEMPERATURE CONTROL							1	1
- 18	50-380048-1	RELAY,HEATER SAFETY							1	1
- 19	AD14D11-70	VALVE,REMOTE HEATER SOLENOID.							1	1
- 20	3 OHM 10 WATT	RESISTOR,HEATER TO GROUND /TYPE 3742/							1	1
	2163	WASHER,FIBER INSULATING							2	1
- 21	60-364057-3	SENSOR,CABIN AIR TEMPERATURE.							1	2
		/SUPERSEDES 60-364000-47/								
	60-364057-1	SENSOR,CABIN AIR TEMPERATURE.							1	3
	60-364057-5	SENSOR,CABIN AIR TEMPERATURE.							1	4
	MS3106A/B16S1S	CONNECTOR,CABIN TEMPERATURE SENSOR.							1	5
	205203-1	CONNECTOR,CABIN TEMPERATURE SENSOR /SOCKET/ . . .							1	4
	205201-5	CONTACT,TEMP SENSOR CONNECTOR SOCKET.							9	4
	205204-1	CONNECTOR,CABIN TEMPERATURE SENSOR /PLUG/							1	4
	205202-4	CONTACT,TEMP SENSOR CONNECTOR PIN							9	4
- 22	AYLF2336-2	SENSOR,OUTSIDE AIR TEMPERATURE.							1	1
	MS3106A/B12S3S	CONNECTOR,OAT SENSOR.							1	1
- 23	AYLF3001-1	SENSOR,HEATER DISCHARGE TEMPERATURE							1	1
	MS3106A/B12S3S	CONNECTOR,HEATER DISCHARGE TEMP SENSOR.							1	1
- 24	60-384014-1	HEATER.							1	1
- 25	57D27	FILTER,IGNITION							1	1
- 26	52D70	IGNITION UNIT,HEATER.							1	1
- 27	42D36	SWITCH,DIFFERENTIAL PRESSURE.							1	1
- 28	807D32	SWITCH,THERMAL CYCLING.							1	1
- 29	57D06	NOZZLE HOLDER & VALVE ASSY,FUEL FEED.							1	1
- 30	56D01	SWITCH,THERMAL OVERTEMPERATURE.							1	1
- 31	07D44	TERMINAL BOARD,HEATER							1	1
- 32	MS27212-1-8	TERMINAL BOARD,SUBPANEL RH.							1	1
	114675C1-8	STRIP,TERMINAL IDENTIFICATION							1	1
	MS25083-1AB5	STRAP,GROUND BONDING.							1	1
- 33	1N4005	DIODE							2	1
- 34	1N1342	DIODE,BLOCKING.							2	1

CODES OF EFFECTIVITY

- | | |
|------------------------------|------------------------------|
| 1 P-123,
P-126 AND AFTER | 2 P-123,
P-126 THRU P-246 |
| 3 P-247 THRU P-264 | 4 P-265 AND AFTER |
| 5 P-123,
P-126 THRU P-264 | |

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

21-61-01
CABIN TEMPERATURE /HEATER & AIR CONDITIONER/
P-4 THRU P-126 EXCEPT P-123 PRIOR TO COMPLIANCE
WITH S.I.0320-426 AND KIT 60-5006.

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY							USABLE ON CODE
			1	2	3	4	5	6	7	
61-01 - 1	IRM6-50	SWITCH,MODE SELECT.							1	1
- 2	1N1342	DIODE,BLOCKING.							3	1
- 3	20425F21-236-1 *	00 SWITCH,EVAPORATOR THERMAL							1	1
- 4	PT07E22-21S	CONNECTOR,FUSELAGE RH ENGINE ACCESSORIES.							1	1
	PT06A22-21P	CONNECTOR,FUSELAGE RH ENGINE ACCESSORIES.							1	1
	AN960-1616L	WASHER,CONNECTOR.							1	1
- 5	TE13184	TIMER,SOLENOID VALVE.							1	1
- 6	AV1A1587	VALVE,HOT GAS SOLENOID.							1	1
- 7	MS27212-1-8	TERMINAL BOARD,SUBPANEL RH.							1	1
	114675C1-8	STRIP,TERMINAL IDENTIFICATION							1	1
- 8	CYL29504	CONTROLLER,CABIN TEMPERATURE.							1	1
- 9	60-364000-47	SENSOR,CABIN TEMPERATURE.							1	1
- 10	AGC5	FUSE.							2	1
- 11	10-74718-11S	CONNECTOR,FUSELAGE RH POWER ACCESSORIES							1	1
	MS3106A/B18-11P	CONNECTOR,FUSELAGE RH POWER ACCESSORIES							1	1
	AN960-1816L	WASHER,CONNECTOR.							1	1
- 12	50-380048-1	RELAY,HEAT OR COOL.							1	1
- 13	50-380048-1	RELAY,MANUAL OR AUTO HEAT							1	1
- 14	50-380048-1	RELAY,NACELLE SCOOP							1	1
- 15	60-555019-25	CLUTCH,MAGNETIC							1	1
- 16	60-369000-17	SWITCH,RH LANDING GEAR SAFETY							1	1
- 17	BZ7RWT822	SWITCH,NACELLE SCOOP RETRACT LIMIT.							1	1
- 18	BZ7RWT822	SWITCH,NACELLE SCOOP EXTEND LIMIT							1	1
- 19	1CH25	SWITCH,LANDING GEAR UP LOCK							1	1
- 20	60-389027	ACTUATOR,NACELLE SCOOP.							1	1
- 21	MS24510-20	CIRCUIT BREAKER,AIR CONDITIONER							1	1
- 22	AN3350-1	RELAY,CONDENSER BLOWER.							1	1
- 23	60-384006	BLOWER,AIR CONDITIONER CONDENSER.							1	1
- 24	MS27212-1-8	TERMINAL BOARD,SUBPANEL LH.							1	1
	114675C1-8	STRIP,TERMINAL IDENTIFICATION							1	1
- 25	MS3400K22-14S	CONNECTOR,RH FIREWALL ENGINE ACCESSORIES.							1	1
	MS3106A/B22-14P	CONNECTOR,RH FIREWALL ENGINE ACCESSORIES.							1	1
- 26	60-389026-1	SWITCH,AIR CONDITIONER OVERPRESSURE							1	1
- 27	3 OHM 10 WATT	RESISTOR /TYPE 3742/.							2	1
- 28	AGC3	FUSE,OVER PRESSURE.							1	1
- 29	1N4005	DIODE							5	1
- 30	AYLF2336-2	SENSOR,OUTSIDE AIR TEMPERATURE.							1	1
	MS3106A/B12S3S	CONNECTOR,OAT SENSOR.							1	1
- 31	0115	RHEQSTAT,CABIN TEMPERATURE CONTROL.							1	1
- 32	MR1031A	DIODE							5	1
- 33	PT07E22-21S	CONNECTOR,FWD PRESSURE BULKHEAD							1	1
	PT06A22-21P	CONNECTOR,FWD PRESSURE BULKHEAD							1	1
- 34	AYLF3001-1	SENSOR,HEATER DISCHARGE TEMPERATURE							1	1
- 35	60-364014	VALVE,COMBUSTION AIR SOLENOID							1	1
- 36	60-550033	BLOWER,COMBUSTION AIR							1	1
- 37	MS26574-10	CIRCUIT BREAKER,CABIN TEMPERATURE CONTROL							1	1
- 38	476284	PUMP,HEATER FUEL.							1	1
- 39	50-380048-1	RELAY,HEAT CYCLE.							1	1
- 40	AD14D11-70	VALVE,REMOTE HEATER FUEL SOLENOID							1	1
- 41	M1090075241	SWITCH,AVIONICS THERMOSTAT.							1	1
- 42	50-380048-1	RELAY,HEATER SAFETY							1	1
- 43	60-384014-1	HEATER.							1	1
- 44	57D27	FILTER,IGNITION							1	1
- 45	52D70	IGNITION,HEATER							1	1
- 46	42D36	SWITCH,DIFFERENTIAL PRESSURE.							1	1
- 47	807D32	SWITCH,THERMAL CYCLING.							1	1
- 48	57D06	SOLENOID,FUEL							1	1
- 49	56D01	SWITCH,THERMAL OVERTEMP							1	1
- 50	07D44	TERMINAL BOARD,HEATER							1	1

CODES OF EFFECTIVITY

1 P-4 THRU P-126
EXCEPT P-123
PRIOR TO COMPLIANCE
WITH S.I.0320-426
AND KIT 60-5006

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

21-61-02
CABIN TEMPERATURE /HEATER & AIR CONDITIONER/
P-4 THRU P-126 EXCEPT P-123 IN COMPLIANCE
WITH S.I.0320-426 AND KIT 60-5006.

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
61-02 - 1	IRM6-50	SWITCH,MODE SELECT.	1	1
- 2	1N1342	DIODE,BLOCKING.	3	1
- 3	20425F21-236-1 *	00 SWITCH,EVAPORATOR THERMAL	1	1
- 4	PT07E22-21S	CONNECTOR,FUSELAGE RH ENGINE ACCESSORIES.	1	1
	PT06A22-21P	CONNECTOR,FUSELAGE RH ENGINE ACCESSORIES.	1	1
	AN960-1616L	WASHER,CONNECTOR.	1	1
- 5	TE13184	TIMER,SOLENOID VALVE.	1	1
- 6	AV1A1587	VALVE,HOT GAS SOLENOID.	1	1
- 7	MS27212-1-8	TERMINAL BOARD,SUBPANEL RH.	1	1
	114675C1-8	STRIP,TERMINAL IDENTIFICATION	1	1
- 8	CYL29504	CONTROLLER,CABIN TEMPERATURE.	1	1
- 9	60-364000-47	SENSOR,CABIN TEMPERATURE.	1	1
- 10	AGC5	FUSE.	2	1
- 11	10-74718-11S	CONNECTOR,FUSELAGE RH POWER ACCESSORIES	1	1
	MS3106A/B18-11P	CONNECTOR,FUSELAGE RH POWER ACCESSORIES	1	1
	AN960-1816L	WASHER,CONNECTOR.	1	1
- 12	50-380048-1	RELAY,HEAT OR COOL.	1	1
- 13	50-380048-1	RELAY,MANUAL OR AUTO HEAT	1	1
- 14	50-380048-1	RELAY,NACELLE SCOOP	1	1
- 15	60-555019-25	CLUTCH,MAGNETIC	1	1
- 16	60-369000-17	SWITCH,RH LANDING GEAR SAFETY	1	1
- 17	B27RWT822	SWITCH,NACELLE SCOOP RETRACT LIMIT.	1	1
- 18	B27RWT822	SWITCH,NACELLE SCOOP EXTEND LIMIT	1	1
- 19	1CH25	SWITCH,LANDING GEAR UP LOCK	1	1
- 20	60-389027	ACTUATOR,NACELLE SCOOP.	1	1
- 21	MS24510-20	CIRCUIT BREAKER,AIR CONDITIONER	1	1
- 22	AN3350-1	RELAY,CONDENSER BLOWER.	1	1
- 23	60-384006	BLOWER,AIR CONDITIONER CONDENSER.	1	1
- 24	MS27212-1-8	TERMINAL BOARD,SUBPANEL LH.	1	1
	114675C1-8	STRIP,TERMINAL IDENTIFICATION	1	1
- 25	MS3400K22-14S	CONNECTOR,RH FIREWALL ENGINE ACCESSORIES.	1	1
	MS3106A/B22-14P	CONNECTOR,RH FIREWALL ENGINE ACCESSORIES.	1	1
- 26	60-389026-1	SWITCH,AIR CONDITIONER OVER PRESSURE.	1	1
- 27	3 OHM 10 WATT	RESISTOR /TYPE 3742/.	2	1
- 28	AGC3	FUSE,OVER PRESSURE.	1	1
- 29	1N4005	DIODE	5	1
- 30	AYLF2336-2	SENSOR,OUTSIDE AIR TEMPERATURE.	1	1
	MS3106A/B12S3S	CONNECTOR,OAT SENSOR.	1	1
- 31	0115	RHEOSTAT,CABIN TEMPERATURE CONTROL.	1	1
- 32	MR1031A	DIODE	5	1
- 33	PT07E22-21S	CONNECTOR,FWD PRESSURE BULKHEAD	1	1
	PT06A22-21P	CONNECTOR,FWD PRESSURE BULKHEAD	1	1
- 34	AYLF3001-1	SENSOR,HEATER DISCHARGE TEMPERATURE	1	1
- 35	60-364014	VALVE,COMBUSTION AIR SOLENOID	1	1
- 36	60-550033	BLOWER,COMBUSTION AIR	1	1
- 37	MS26574-10	CIRCUIT BREAKER,CABIN TEMPERATURE CONTROL	1	1
- 38	476284	PUMP,HEATER FUEL.	1	1
- 39	50-380048-1	RELAY,HEAT CYCLE.	1	1
- 40	AD14D11-70	VALVE,REMOTE HEATER FUEL SOLENOID	1	1
- 41	M1090075241	SWITCH,AVIONICS THERMOSTAT.	1	1
- 42	50-380048-1	RELAY,HEATER SAFETY	1	1
- 43	60-384014-1	HEATER.	1	1
- 44	57D27	FILTER,IGNITION	1	1
- 45	52D70	IGNITION,HEATER	1	1
- 46	42D36	SWITCH,DIFFERENTIAL PRESSURE.	1	1
- 47	807D32	SWITCH,THERMAL CYCLING.	1	1
- 48	57D06	SOLENOID,FUEL	1	1
- 49	56D01	SWITCH,THERMAL OVERTEMP	1	1
- 50	07D44	TERMINAL BOARD,HEATER	1	1

CODES OF EFFECTIVITY

1 P-4 THRU P-126
EXCEPT P-123 IN
COMPLIANCE WITH S.I.
0320-426 AND KIT
60-5006

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

21-61-03
CABIN TEMPERATURE /HEATER & AIR CONDITIONER/
P-123,P-127 THRU P-165 EXCEPT P-159

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS							USABLE ON CODE
			1	2	3	4	5	6	7	
61-03 - 1	IRM6-50	SWITCH,MODE SELECT.							1	1
- 2	1N1342	DIODE,BLOCKING.							3	1
- 3	20425F21-236-1 *	00 SWITCH,EVAPORATOR THERMAL							1	1
- 4		DELETED								
- 5		DELETED								
- 6		DELETED								
- 7	MS27212-1-8	TERMINAL BOARD,SUBPANEL RH.							1	1
	114675C1-8	STRIP,TERMINAL IDENTIFICATION							1	1
- 8	CYL29504	CONTRÖLLER,CABIN TEMPERATURE.							1	1
- 9	60-364000-47	SENSOR,CABIN TEMPERATURE.							1	1
- 10	AGC5	FUSE.							2	1
- 11	10-74718-11S	CONNECTOR,FUSELAGE RH POWER ACCESSORIES							1	1
	MS3106A/B18-11P	CONNECTOR,FUSELAGE RH POWER ACCESSORIES							1	1
	AN960-1816L	WASHER,CONNECTOR.							1	1
- 12	50-380048-1	RELAY,HEAT OR COOL.							1	1
- 13		DELETED								
- 14	50-380048-1	RELAY,NACELLE SCOOP							1	1
- 15	60-555019-25	CLUTCH,MAGNETIC							1	1
- 16	60-369000-17	SWITCH,RH LANDING GEAR SAFETY							1	1
- 17	BZ7RWT822	SWITCH,NACELLE SCOOP RETRACT LIMIT.							1	1
- 18	BZ7RWT822	SWITCH,NACELLE SCOOP EXTEND LIMIT							1	1
- 19	1CH25	SWITCH,LANDING GEAR UPLOCK.							1	1
- 20	60-389027	ACTUATOR,NACELLE SCOOP.							1	1
- 21	MS24510-20	CIRCUIT BREAKER,AIR CONDITIONER							1	1
- 22	AN3350-1	RELAY,CONDENSER BLOWER.							1	1
- 23	60-384006	BLOWER,CONDENSER.							1	1
- 24	MS27212-1-8	TERMINAL BOARD,SUBPANEL LH.							1	1
	114675C1-8	STRIP,TERMINAL IDENTIFICATION							1	1
- 25	MS3400K22-14S	CONNECTOR,RH FIREWALL ENGINE ACCESSORIES.							1	1
	MS3106A/822-14P	CONNECTOR,RH FIREWALL ENGINE ACCESSORIES.							1	1
- 26	60-389026-1	SWITCH,AIR CONDITIONER OVER PRESSURE.							1	1
- 27	3 OHM 10 WATT	RESISTOR /TYPE 3742/.							2	1
- 28	AGC3	FUSE,OVER PRESSURE.							1	1
- 29	1N4005	DIODE							5	1
- 30	AYLF2336-2	SENSOR,OUTSIDE AIR TEMPERATURE.							1	1
	MS3106A/B12S3S	CONNECTOR,OAT SENSOR.							1	1
- 31	0115	RHEOSTAT,CABIN TEMPERATURE CONTROL.							1	1
- 32	MR1031A	DIODE							5	1
- 33	PT07E22-21S	CONNECTOR,FWD PRESSURE BULKHEAD							1	1
	PT06A22-21P	CONNECTOR,FWD PRESSURE BULKHEAD							1	1
- 34	AYLF3001-1	SENSOR,HEATER DISCHARGE TEMPERATURE							1	1
- 35	60-364014	VALVE,COMBUSTION AIR SOLENOID							1	1
- 36	60-550033	BLOWER,COMBUSTION AIR							1	1
- 37	MS26574-10	CIRCUIT BREAKER,CABIN TEMPERATURE CONTROL							1	1
- 38	476284	PUMP,HEATER FUEL.							1	1
- 39		DELETED								
- 40	AD14011-70	VALVE,REMOTE HEATER FUEL SOLENOID							1	1
- 41	M1090075241	SWITCH,AVIONICS THERMOSTAT.							1	1
- 42	50-380048-1	RELAY,HEATER SAFETY							1	1
- 43	60-384014-1	HEATER.							1	1
- 44	57D27	FILTER,IGNITION							1	1
- 45	52D70	IGNITION,HEATER							1	1
- 46	42D36	SWITCH,DIFFERENTIAL PRESSURE.							1	1
- 47	807D32	SWITCH,THERMAL CYCLING.							1	1
- 48	57D06	SOLENOID,FUEL							1	1
- 49	56D01	SWITCH,THERMAL OVERTEMP							1	1
- 50	07D44	TERMINAL BOARD,HEATER							1	1

CODES OF EFFECTIVITY

1 P-123,
P-127 THRU P-165
EXCEPT P-159

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

21-61-04
CABIN TEMPERATURE /HEATER & AIR CONDITIONER/
P-159,P-166 AND AFTER

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
61-04 - 1	IRM6-50	SWITCH,MCDE SELECT.	1	1
- 2	1N1342	DIODE,BLOCKING.	3	1
- 3	20425F21-236-1 *	00 SWITCH,EVAPORATOR THERMAL	1	1
- 4		DELETED		
- 5		DELETED		
- 6		DELETED		
- 7	MS27212-1-8	TERMINAL BOARD,SUBPANEL RH.	1	1
	114675C1-8	STRIP,TERMINAL IDENTIFICATION	1	1
- 8	CYLZ5504	CONTROLLER,CABIN TEMPERATURE.	1	1
- 9	60-364057-3	SENSOR,CABIN TEMPERATURE.	1	2
		/SUPERSEDES 60-364000-47/		
	60-364057-1	SENSOR, CABIN AIR TEMPERATURE	1	3
	60-364057-5	SENSOR,CABIN AIR TEMPERATURE.	1	4
	MS3106A/B18S1S	CONNECTOR,CABIN TEMPERATURE SENSOR.	1	5
	205203-1	CONNECTOR,CABIN TEMPERATURE SENSOR /SOCKET/	1	4
	205201-5	CONTACT,TEMP SENSOR CONNECTOR SOCKET.	9	4
	205204-1	CONNECTOR,CABIN TEMPERATURE SENSOR /PLUG/	1	4
	205202-4	CONTACT,TEMP SENSOR CONNECTOR PIN	9	4
- 10	AGC5	FUSE.	2	1
- 11	10-74718-11S	CONNECTOR,FUSELAGE RH POWER ACCESSORIES	1	1
	MS3106A/B18-11P	CONNECTOR,FUSELAGE RH POWER ACCESSORIES	1	1
	AN960-1816L	WASHER,CONNECTOR.	1	1
- 12	50-38C048-1	RELAY,HEAT OR COOL.	1	1
- 13		DELETED		
- 14	50-38C048-1	RELAY,NACELLE SCOOP	1	1
- 15	60-555019-25	CLUTCH,MAGNETIC	1	1
- 16	60-369000-17	SWITCH,RH LANDING GEAR SAFETY	1	1
- 17	BZ7RWT822	SWITCH,NACELLE SCOOP RETRACT LIMIT.	1	1
- 18	BZ7RWT822	SWITCH,NACELLE SCOOP EXTEND LIMIT	1	1
- 19	1CH25	SWITCH,LANDING GEAR UNLOCK.	1	1
- 20	60-389027	ACTUATOR,NACELLE SCOOP.	1	1
- 21	MS24510-20	CIRCUIT BREAKER,AIRCONDITIONER.	1	1
- 22	AN3350-1	RELAY,CONDENSER BLOWER.	1	1
- 23	60-384006	BLOWER,CONDENSER.	1	1
- 24	MS27212-1-8	TERMINAL BOARD,SUBPANEL LH.	1	1
	114675C1-8	STRIP,TERMINAL IDENTIFICATION	1	1
- 25	MS340CK22-14S	CONNECTOR,RH FIREWALL ENGINE ACCESSORIES.	1	1
	MS3106A/B22-14P	CONNECTOR,RH FIREWALL ENGINE ACCESSORIES.	1	1
- 26	60-389026-1	SWITCH,AIR CONDITIONER OVER PRESSURE.	1	1
- 27	3 OHM 10 WATT	RESISTOR /TYPE 3742/.	2	1
- 28	AGC3	FUSE,OVER PRESSURE.	1	1
- 29	1N4CC5	DIODE	5	1
- 30	AYLF2336-2	SENSOR,OUTSIDE AIR TEMPERATURE.	1	1
	MS3106A/B12S3S	CONNECTOR,OUT SENSOR.	1	1
- 31	C115	RHEOSTAT,CABIN TEMPERATURE CONTROL.	1	1
- 32	MR1C31A	DIODE	4	1
- 33	PT07E22-21S	CONNECTOR,FWD PRESSURE BULKHEAD	1	1
	PT06A22-21P	CONNECTOR,FWD PRESSURE BULKHEAD	1	1
- 34	AYLF3001-1	SENSOR,HEATER DISCHARGE TEMPERATURE	1	1
- 35	60-364014	VALVE,COMBUSTION AIR SOLENOID	1	1
- 36	60-550033	BLOWER,COMBUSTION AIR	1	1
- 37	MS26574-10	CIRCUIT BREAKER,CABIN TEMPERATURE CONTROL	1	1
- 38	476284	PUMP,HEATER FUEL.	1	1
- 39		DELETED		
- 40	AD14D11-70	VALVE,REMOTE HEATER FUEL SOLENOID	1	1
- 41	M109CC75241	SWITCH,AVIONICS THERMOSTAT.	1	1
- 42	50-38C048-1	RELAY,HEATER SAFETY	1	1
- 43	60-364014-1	HEATER.	1	1
- 44	57D27	FILTER,IGNITION	1	1
- 45	52D7C	IGNITION,HEATER	1	1

NOTE CONTINUED ON PAGE 4.

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

**LIST OF PAGES
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CHAPTER 22-00-00 AUTOFLIGHT**

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**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

CHAPTER 22

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BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

22-10-01
H-14 AUTOPILOT
P-4 THRU P-126 EXCEPT P-112 AND P-123

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
10-01 - 1	BG274C2	COMPUTER,AUTOPILOT.	1	1
	DPX57-33S	CONNECTOR,AUTOPILOT COMPUTER.	1	1
- 2	MG113A1	SERVO,AUTOPILOT ELEVATOR.	1	1
	MS3106A/B10SL3S	CONNECTOR,ELEVATOR SERVO.	1	1
- 3	DS04-61P342	CONNECTOR,AFT PRESSURE BULKHEAD	1	1
- 4	DS07-61S	CONNECTOR,AFT PRESSURE BULKHEAD	1	1
- 5	MG113A1	SERVO,AUTOPILOT RUDDER.	1	1
	MS3106A/B10SL3S	CONNECTOR,RUDDER SERVO.	1	1
- 6	MG113A1	SERVO,AUTOPILOT AILERON	1	1
	MS3106A/B10SL3S	CONNECTOR,AILERON SERVO	1	1
- 7	GG301B2	GYRO,AUTOPILOT ATTITUDE	1	1
	165-14X	CONNECTOR,ATTITUDE GYRO	1	1
- 8	GG205B4	INDICATOR,AUTOPILOT TURN & SLIP	1	1
	MS3106A/B14S5S	CONNECTOR,TURN & SLIP INDICATOR	1	1
- 9	GG302B1	GYRO,AUTOPILOT DIRECTIONAL.	1	1
	165-14	CONNECTOR,DIRECTIONAL GYRO.	1	1
- 10	CG417B2	CONTROLLER,AUTOPILOT FLIGHT	1	1
	57-20360	CONNECTOR,FLIGHT CONTROLLER	1	1
- 11	CG136B1	INDICATOR,AUTOPILOT HEADING PRESELECT	1	1
	MS3106A/B20-29S	CONNECTOR,HEADING PRESELECT INDICATOR	1	1
- 12	C31006	SWITCH,AUTOPILOT RELEASE.	1	1
- 13	320559	SPLICE,PERMANENT.	1	1
- 14	DPX57-33S	CONNECTOR,AUTOPILOT TEST.	1	1
	DPX59-33	CAP,AUTOPILOT TEST CONNECTOR DUST	1	1
- 15	DS07-37S	CONNECTOR,FWD PRESSURE BULKHEAD AVIONICS.	1	1
	DS04-37P	CONNECTOR,FWD PRESSURE BULKHEAD AVIONICS.	1	1
- 16	V14500-37	VALVE,AUTOPILOT YAW BYPASS.	1	1
	MS3106A/B10SL4S	CONNECTOR,YAW BYPASS VALVE.	1	1
- 17	V14500-37	VALVE,AUTOPILOT SHUTOFF	1	1
	MS3106A/B10SL4S	CONNECTOR,SHUTOFF VALVE	1	1
- 18	MS26574-5	CIRCUIT BREAKER,TURN & SLIP INDICATOR	1	1
- 19	MS24510-5	CIRCUIT BREAKER,AUTOPILOT	1	1
- 20	391222PDA8L41W1L	SWITCH,AUTOPILOT YAW DAMPENER	1	1
- 21	50-500054-1	SWITCH,AUTOPILOT TRANSISTOR	1	1
- 22	50-500123	SWITCH,AUTOPILOT BACK & FRONT COURSE.	1	1
- 23	1N1342	DIODE	2	1

CODES OF EFFECTIVITY

1. P-4 THRU P-126
EXCEPT P-112 & P-123

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

22-10-02
H-14 AUTOPILOT
P-112, P-123, P-127 THRU P-140

11/02/73

22-10-02
PAGE 1

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
10-02 - 1	BG274C2	COMPUTER.	1	1
	DPX57-33S	CONNECTOR,COMPUTER.	1	1
- 2	C31006	SWITCH,AUTOPILOT RELEASE.	1	1
- 3	DS04-61P342	CONNECTOR,AFT PRESSURE BULKHEAD	1	1
- 4	DS07-61S	CONNECTOR,AFT PRESSURE BULKHEAD	1	1
- 5	MG113E1	SERVO,RUDDER.	1	1
- 6	MG113E1	SERVO,AILERON	1	1
	MS3106A/B10SL3S	CONNECTOR,SERVO	2	1
- 7	GG301B2	GYRO,ATTITUDE	1	1
	165-14X	CONNECTOR,ATTITUDE GYRO	1	1
- 8	GG205B4	INDICATOR,TURN & SLIP	1	1
	MS3106A/B14S5S	CONNECTOR,TURN & SLIP INDICATOR	1	1
- 9	DG1010	ADAPTER,AUTO TRIM	1	1
	MS3106A/B24-28S	CONNECTOR,AUTO TRIM ADAPTER	1	1
- 10	CG417B2	CONTROLLER,FLIGHT /WHITE LIGHTS/.	1	1
	CG417B1	CONTROLLER,FLIGHT /RED LIGHTS/.	1	1
	5730360	CONNECTOR,FLIGHT CONTROLLER	1	1
- 11	50-500054-1	SWITCH,TRANSISTOR	1	1
- 12	50-500123	SWITCH,BACK & FRONT COURSE.	1	1
- 13	MS27212-1-8	TERMINAL BOARD,PEDESTAL	1	1
- 14	GE509	DIODE	1	1
- 15	DS07-37S	CONNECTOR,FWD PRESSURE BULKHEAD	1	1
	DS04-37P	CONNECTOR,FWD PRESSURE BULKHEAD	1	1
- 16	MS26574-5	CIRCUIT BREAKER,AUTOPILOT	1	1
- 17	V14500-37	VALVE,YAW BYPASS.	1	1
	MS3106A/B10SL4S	CONNECTOR,YAW BYPASS VALVE.	1	1
- 18	1N1342	DIODE	2	1
- 19	V14500-37	VALVE,AUTOPILOT SHUT-OFF.	1	1
	MS3106A/B10SL4S	CONNECTOR,AUTOPILOT SHUT-OFF VALVE.	1	1
- 20	391222PDA8L41W1L	SWITCH,YAW DAMPENER	1	1
- 21	GE509	DIODE	1	1
- 22	MS26574-5	CIRCUIT BREAKER,TURN & SLIP INDICATOR	1	1
- 23	MG113E1	SERVO,ELEVATOR.	1	1
	MS3106A/B10SL3S	CONNECTOR,ELEVATOR SERVO.	1	1

CODES OF EFFECTIVITY

1 P-112,P-123,
P-127 THRU P-140

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

22-10-03
H-14 AUTOPILOT
P-141 THRU P-159

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY							USABLE ON CODE	
			1	2	3	4	5	6	7		
10-03 - 1	BG274B2	COMPUTER								1	1
	DPX57-33S	CONNECTOR, COMPUTER								1	1
- 2	C31006	SWITCH, AUTOPILOT RELEASE								1	1
- 3	DS0461P342	CONNECTOR, AFT PRESSURE BULKHEAD								1	1
- 4	DS07-61S	CONNECTOR, AFT PRESSURE BULKHEAD								1	1
- 5	MG113E1	SERVO, RUDDER								1	1
- 6	MG113E1	SERVO, AILERON								1	1
	MS3106A/B10SL3S	CONNECTOR, SERVO								2	1
- 7	GG301B2	GYRO, ATTITUDE								1	1
	165-14X	CONNECTOR, ATTITUDE GYRO								1	1
- 8	GG205B4	INDICATOR, TURN & SLIP								1	1
	MS3106A/B14S5S	CONNECTOR, TURN & SLIP INDICATOR								1	1
- 9	DG1010	ADAPTER, AUTO TRIM								1	1
	MS3106A/B24-28S	CONNECTOR, AUTO TRIM ADAPTER								1	1
- 10	CG515B1	CONTROLLER, FLIGHT /WHITE LIGHTS/								1	1
	CG515B2	CONTROLLER, FLIGHT /RED LIGHTS/								1	1
	5730360	CONNECTOR, FLIGHT CONTROLLER								1	1
- 11	50-500054	SWITCH, TRANSISTOR								1	1
- 12	60-500041	SWITCH, BACK & FRONT COURSE								1	1
- 13	MS27212-1-8	TERMINAL BOARD, PEDESTAL								1	1
- 14	GE509	DIODE								1	1
- 15	DS07-37S	CONNECTOR, FWD PRESSURE BULKHEAD								1	1
	DS04-37P	CONNECTOR, FWD PRESSURE BULKHEAD								1	1
- 16	MS26574-5	CIRCUIT BREAKER, AUTOPILOT								1	1
- 17	V14500-37	VALVE, YAW BYPASS								1	1
	MS3106A/B10SL4S	CONNECTOR, YAW BYPASS VALVE								1	1
- 18	1N1342	DIODE								3	1
- 19	V14500-37	VALVE, AUTOPILOT SHUT-OFF								1	1
	MS3106A/B10SL4S	CONNECTOR, AUTOPILOT SHUT-OFF VALVE								1	1
- 20	391222PDA8L41W1L	SWITCH, YAW DAMPENER								1	1
- 21		DELETED									
- 22	MS26574-5	CIRCUIT BREAKER, TURN & SLIP INDICATOR								1	1
- 23	MG113E1	SERVO, ELEVATOR								1	1
	MS3106A/B10SL3S	CONNECTOR, ELEVATOR SERVO								1	1
- 24	50-380048-1	RELAY, VALVE CONTROL								1	1

CODES OF EFFECTIVITY

1 P-141 THRU P-159

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

22-10-04
H-14 AUTOPILOT
P-160 THRU P-187

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION							UNITS PER ASSY	USABLE ON CODE
		1	2	3	4	5	6	7		
10-04 - 1	BG274B2	COMPUTER							1	1
	DPX57-33S	CONNECTOR, COMPUTER							1	1
- 2	C31006	SWITCH, AUTOPILOT RELEASE							1	1
- 3	DS0461P342	CONNECTOR, AFT PRESSURE BULKHEAD							1	1
- 4	DS07-61S	CONNECTOR, AFT PRESSURE BULKHEAD							1	1
- 5	MG113E1	SERVO, RUDDER							1	1
- 6	MG113E1	SERVO, AILERON							1	1
	MS3106A/B10SL3S	CONNECTOR, SERVO							2	1
- 7	GG301B2	GYRO, ATTITUDE							1	1
	165-14X	CONNECTOR, ATTITUDE GYRO							1	1
- 8	GG205B4	INDICATOR, TURN & SLIP							1	1
	MS3106A/B14S5S	CONNECTOR, TURN & SLIP INDICATOR							1	1
- 9	DG1010	ADAPTER, AUTO TRIM							1	1
	MS3106A/B24-28S	CONNECTOR, AUTO TRIM ADAPTER							1	1
- 10	CG515B1	CONTROLLER, FLIGHT /WHITE LIGHTS/							1	1
	CG515B2	CONTROLLER, FLIGHT /RED LIGHTS/							1	1
	5730360	CONNECTOR, FLIGHT CONTROLLER							1	1
- 11	50-500054	SWITCH, TRANSISTOR							1	1
- 12	60-500041	SWITCH, BACK & FRONT COURSE							1	1
- 13	MS27212-1-8	TERMINAL BOARD, PEDESTAL							1	1
- 14	GE509	DIODE							1	1
- 15	DS07-37S	CONNECTOR, FWD PRESSURE BULKHEAD							1	1
	DS04-37P	CONNECTOR, FWD PRESSURE BULKHEAD							1	1
- 16	MS26574-5	CIRCUIT BREAKER, AUTOPILOT							1	1
- 17	V14500-37	VALVE, YAW BYPASS							1	1
	MS3106A/B10SL4S	CONNECTOR, YAW BYPASS VALVE							1	1
- 18	1N1342	DIODE							3	1
- 19	V14500-37	VALVE, AUTOPILOT SHUT-OFF							1	1
	MS3106A/B10SL4S	CONNECTOR, AUTOPILOT SHUT-OFF VALVE							1	1
- 20	391222PDA8L41W1L	SWITCH, YAW DAMPENER							1	1
- 21		DELETED								
- 22	MS26574-5	CIRCUIT BREAKER, TURN & SLIP INDICATOR							1	1
- 23	MG113E1	SERVO, ELEVATOR							1	1
	MS3106A/B10SL3S	CONNECTOR, ELEVATOR SERVO							1	1
- 24	50-380048-1	RELAY, VALVE CONTROL							1	1

CODES OF EFFECTIVITY

1 P-160 THRU P-187

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

22-10-05
H-14 AUTOPILOT
P-188 AND AFTER

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
10-05 - 1	BG27482	COMPUTER								1	1
	DPX57-33S	CONNECTOR, COMPUTER								1	1
- 2	C31006	SWITCH, AUTOPILOT RELEASE								1	1
- 3	DS0461P342	CONNECTOR, AFT PRESSURE BULKHEAD								1	1
- 4	DS07-61S	CONNECTOR, AFT PRESSURE BULKHEAD								1	1
- 5	MG113E1	SERVO, RUDDER								1	1
- 6	MG113E1	SERVO, AILERON								1	1
	MS3106A/B10SL3S	CONNECTOR, SERVO								2	1
- 7	GG301B2	GYRO, ATTITUDE								1	1
	165-14X	CONNECTOR, ATTITUDE GYRO								1	1
- 8	GG205B4	INDICATOR, TURN & SLIP								1	1
	MS3106A/B14S5S	CONNECTOR, TURN & SLIP INDICATOR								1	1
- 9	DG1010	ADAPTER, AUTO TRIM								1	1
	MS3106A/B24-28S	CONNECTOR, AUTO TRIM ADAPTER								1	1
- 10	CG515B1	CONTROLLER, FLIGHT /WHITE LIGHTS/								1	1
	CG515B2	CONTROLLER, FLIGHT /RED LIGHTS/								1	1
	5730360	CONNECTOR, FLIGHT CONTROLLER								1	1
- 11	50-500054	SWITCH, TRANSISTOR								1	1
- 12	60-500041	SWITCH, BACK & FRONT COURSE								1	1
- 13	MS27212-1-8	TERMINAL BOARD, PEDESTAL								1	1
- 14	GE509	DIODE								1	1
- 15	DS07-37S	CONNECTOR, FWD PRESSURE BULKHEAD								1	1
	DS04-37P	CONNECTOR, FWD PRESSURE BULKHEAD								1	1
- 16	MS26574-5	CIRCUIT BREAKER, AUTOPILOT								1	1
- 17	V14500-37	VALVE, YAW BYPASS								1	1
	MS3106A/B10SL4S	CONNECTOR, YAW BYPASS VALVE								1	1
- 18	1N1342	DIODE								3	1
- 19	V14500-37	VALVE, AUTOPILOT SHUT-OFF								1	1
	MS3106A/B10SL4S	CONNECTOR, AUTOPILOT SHUT-OFF VALVE								1	1
- 20	391222PDA8L41W1L	SWITCH, YAW DAMPENER								1	1
- 21		DELETED									
- 22	MS26574-5	CIRCUIT BREAKER, TURN & SLIP INDICATOR								1	1
- 23	MG113E1	SERVO, ELEVATOR								1	1
	MS3106A/B10SL3S	CONNECTOR, ELEVATOR SERVO								1	1
- 24	50-380048-1	RELAY, VALVE CONTROL								1	1

CODES OF EFFECTIVITY

1 P-188 AND AFTER

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

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24-31-01	1	11/02/73	24-40-01	1	11/02/73	24-50-03	1	11/02/73
24-31-01	2	11/02/73	24-40-01	2	11/02/73	24-50-03	2	11/02/73
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24-31-02	2	11/02/73	24-40-02	2	11/02/73	24-50-04	2	11/02/73
24-31-02	3	11/02/73	24-40-02	3	11/02/73	24-50-04	3	11/02/73
24-34-01	1	11/02/73	24-50-01	1	11/02/73	24-51-01	1	11/02/73
24-34-01	2	11/02/73	24-50-01	2	11/02/73	24-51-01	2	11/02/73
24-34-01	3	11/02/73	24-50-01	3	11/02/73	24-51-01	3	11/02/73
24-34-02	1	11/02/73	24-50-02	1	11/02/73			

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

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“END”

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

24-31-01
GENERATOR
P-4 THRU P-182

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
31-01 - 1	MS26574-5	CIRCUIT BREAKER,GENERATOR OVERVOLTAGE	2	1
- 2	35-380053-656	SWITCH ASSY,GENERATOR	2	1
- 3	60-384021	LOADMETER,GENERATOR	2	1
- 4	MA751H125	SHUNT,GENERATOR LOADMETER	2	1
- 5	AGC5	FUSE,GENERATOR LOADMETER SHUNT.	2	1
	60-369000-55	FUSEHOLDER,LOADMETER SHUNT.	2	1
- 6	150L15	DIODE,REVERSE CURRENT RECTIFIER	2	1
- 7	60-41H189	RELAY,GENERATOR CONTROL	2	1
	1N4005	DIODE,GENERATOR CONTROL RELAY	2	1
- 8	AGC10	FUSE,GENERATOR CONTROL.	2	1
	60-369025-1	FUSEHOLDER,GENERATOR CONTROL.	2	1
- 9	MS3100K32-15S	CONNECTOR,STARTER & GENERATOR	2	1
	MS3106A/B32-15P	CONNECTOR,STARTER & GENERATOR	2	1
- 10	FLL E	LIMITER,GENERATOR	4	1
- 11	60-910001-7	GENERATOR /SUPERSEDES 30060-004 & 60-389016/.	2	1
- 12	MS3400K22-14S	CONNECTOR,FIREWALL ENGINE ACCESSORIES	2	1
	MS3106A/B22-14P	CONNECTOR,FIREWALL ENGINE ACCESSORIES	2	1
- 13	E2R1	RHEOSTAT,GENERATOR PARALLELING.	2	1
	5151	KNOB,GENERATOR PARALLELING RHEOSTAT	2	1
- 14	CR2795B105A1	REGULATOR,GENERATOR	2	1
	49C7573	BASE,GENERATOR REGULATOR.	2	1
- 15	138-5	RELAY,GENERATOR OVERVOLTAGE	2	1
- 16	50-380048-1	RELAY,GENERATOR PARALLELING	2	1
- 17	PT07E22-41S	CONNECTOR,FUSELAGE LH WING ACCESSORIES.	1	1
	PT06A22-41P	CONNECTOR,FUSELAGE LH WING ACCESSORIES.	1	1
	AN960-2616L	WASHER,CONNECTOR.	1	1
- 18	PT07E22-21S	CONNECTOR,FUSELAGE RH ENGINE ACCESSORIES.	1	1
	PT06A22-41P	CONNECTOR,FUSELAGE RH ENGINE ACCESSORIES.	1	1
	AN960-1616L	WASHER,CONNECTOR.	1	1
- 19	PT07E16-22S	CONNECTOR,FUSELAGE RH WING ACCESSORIES.	1	1
	PT06A16-22P	CONNECTOR,FUSELAGE RH WING ACCESSORIES.	1	1
	AN960-1616L	WASHER,CONNECTOR.	1	1
- 20	MS27212-5-2	TERMINAL BOARD,RH WING STUB	1	1
- 21	MS27212-5-2	TERMINAL BOARD,LH WING STUB	1	1
- 22	1N4005	DIODE	2	1

CODES OF EFFECTIVITY

1 P-4 THRU P-182

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

24-31-02
GENERATOR
P-182 AND AFTER

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1	2	3	4	5	6	7	UNITS PER ASSY	USABLE ON CODE
31-02 - 1	MS26574-5	CIRCUIT BREAKER,GENERATOR OVERVOLTAGE								2	1
- 2	35-380053-656	SWITCH ASSY,GENERATOR								2	1
- 3	60-384021	LOADMETER,GENERATOR								2	1
- 4	MA751H125	SHUNT,GENERATOR LOADMETER								2	1
- 5	AGC5	FUSE,GENERATOR LOADMETER SHUNT.								2	1
	60-369000-55	FUSEHOLDER,LOADMETER SHUNT.								2	1
- 6	150L15	DIODE,REVERSE CURRENT RECTIFIER								2	1
- 7	60-41H189	RELAY,GENERATOR CONTROL								2	1
	1N4005	DIODE,GENERATOR CONTROL RELAY								2	1
- 8	AGC10	FUSE,GENERATOR CONTROL.								2	1
	60-369025-1	FUSEHOLDER,GENERATOR CONTROL.								2	1
- 9	MS3100K32-15S	CONNECTOR,STARTER & GENERATOR								2	1
	MS3106A/B32-15P	CONNECTOR,STARTER & GENERATOR								2	1
- 10	FLLE	LIMITER,GENERATOR								4	1
- 11	60-910001-7	GENERATOR /SUPERSEDES 30060-004 & 60-389016/.								2	1
- 12	MS3400K22-14S	CONNECTOR,FIREWALL ENGINE ACCESSORIES								2	1
	MS3106A/B22-14P	CONNECTOR,FIREWALL ENGINE ACCESSORIES								2	1
- 13	E2R1	RHEOSTAT,GENERATOR PARALLELING.								2	1
	5151	KNOB,GENERATOR PARALLELING RHEOSTAT								2	1
- 14	CR2795B105A1	REGULATOR,GENERATOR								2	1
	49C7573	BASE,GENERATOR REGULATOR.								2	1
- 15	138-5	RELAY,GENERATOR OVERVOLTAGE								2	1
- 16	50-380048-1	RELAY,GENERATOR PARALLELING								2	1
- 17	PT07E22-41S	CONNECTOR,FUSELAGE LH WING ACCESSORIES.								1	1
	PT06A22-41P	CONNECTOR,FUSELAGE LH WING ACCESSORIES								1	1
	AN960-2616L	WASHER,CONNECTOR.								1	1
- 18	PT07E22-21S	CONNECTOR,FUSELAGE RH ENGINE ACCESSORIES.								1	1
	PT06A22-41P	CONNECTOR,FUSELAGE RH ENGINE ACCESSORIES.								1	1
	AN960-1616L	WASHER,CONNECTOR.								1	1
- 19	PT07E16-22S	CONNECTOR,FUSELAGE RH WING ACCESSORIES.								1	1
	PT06A16-22P	CONNECTOR,FUSELAGE RH WING ACCESSORIES.								1	1
	AN960-1616L	WASHER,CONNECTOR.								1	1
- 20	MS27212-5-2	TERMINAL BOARD,RH WING STUB								1	1
- 21	MS27212-5-2	TERMINAL BOARD,LH WING STUB								1	1
- 22	1N4005	DIODE								2	1

CODES OF EFFECTIVITY

1 P-182 AND AFTER

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

24-34-01
BATTERY CHARGE CURRENT DETECTOR
P-4 THRU P-242 EQUIPPED WITH KIT 60-3005-1

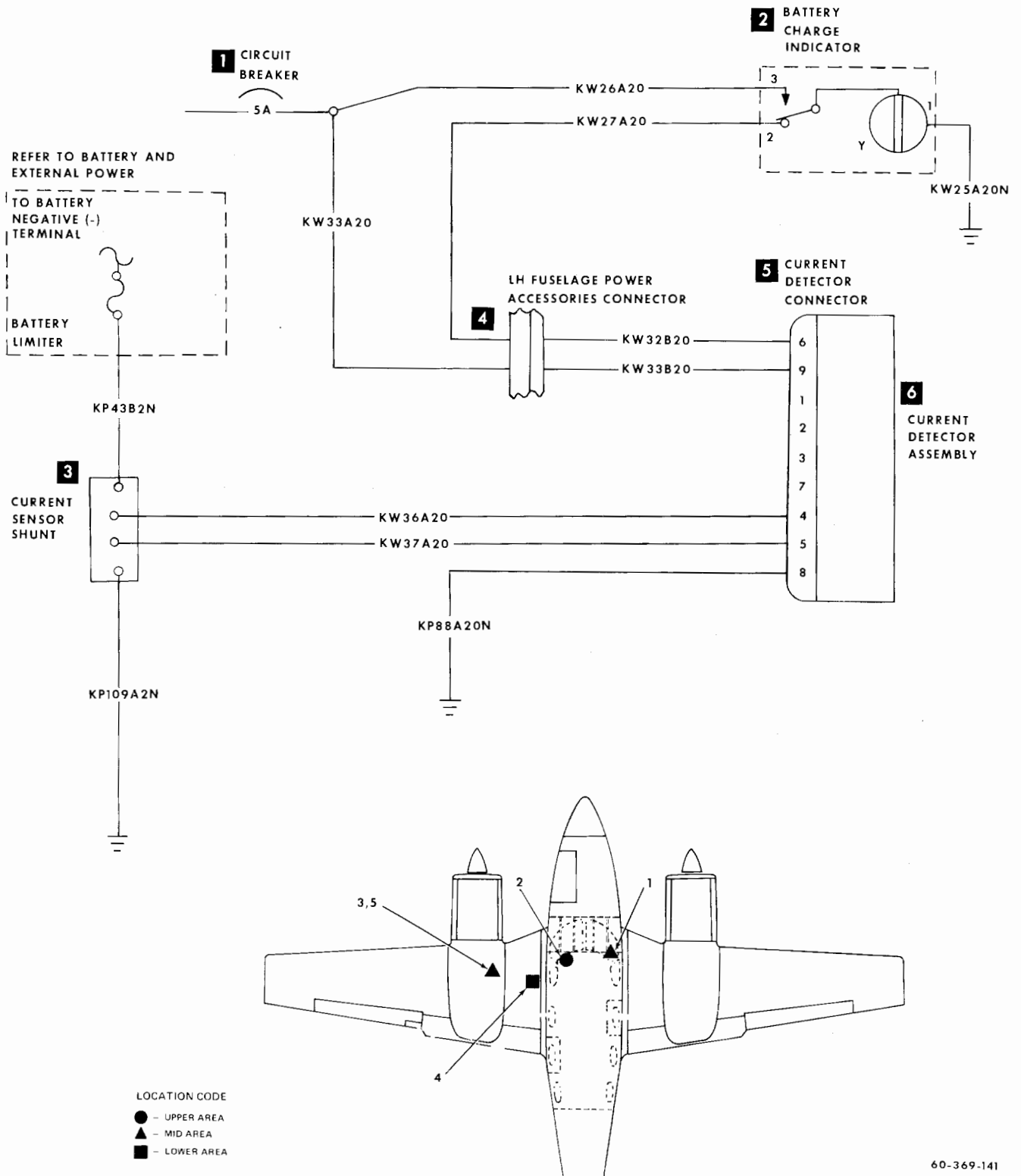
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
			1	2	3	4	5	6	7		
34-01 - 1	7277-2-5	CIRCUIT BREAKER								1	1
	100-364291-1	DECAL,CIRCUIT BREAKER								1	1
- 2	MS25041-8-327	LIGHT ASSY,BATTERY CHARGE INDICATOR								1	1
	50-324526	DECAL,BATTERY CHARGE.								1	1
- 3	MA751H125	SHUNT,CURRENT SENSOR.								1	1
- 4	10-74732-82S	CONNECTOR,FUSELAGE LH POWER ACCESSORIES								1	1
	CS3106A32-82P	CONNECTOR,FUSELAGE LH POWER ACCESSORIES								1	1
	AN960-3616L	WASHER,CONNECTOR.								1	1
- 5	130106FSM9S	CONNECTOR,CURRENT SENSOR.								1	1
	130102-5	SHELL,CONNECTOR								1	1
	130104M2	SCREW LOCK,CONNECTOR.								2	1
- 6	100-364285-1	SENSOR,CURRENT.								1	1

CODES OF EFFECTIVITY

1 P-4 THRU P-242

BEECHCRAFT DUKE 60 SERIES WIRING DIAGRAM MANUAL



60-369-141

Battery Charge Current Detector
P-4 thru P-242

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

24-34-02
BATTERY CHARGE CURRENT DETECTOR
P-243 AND AFTER

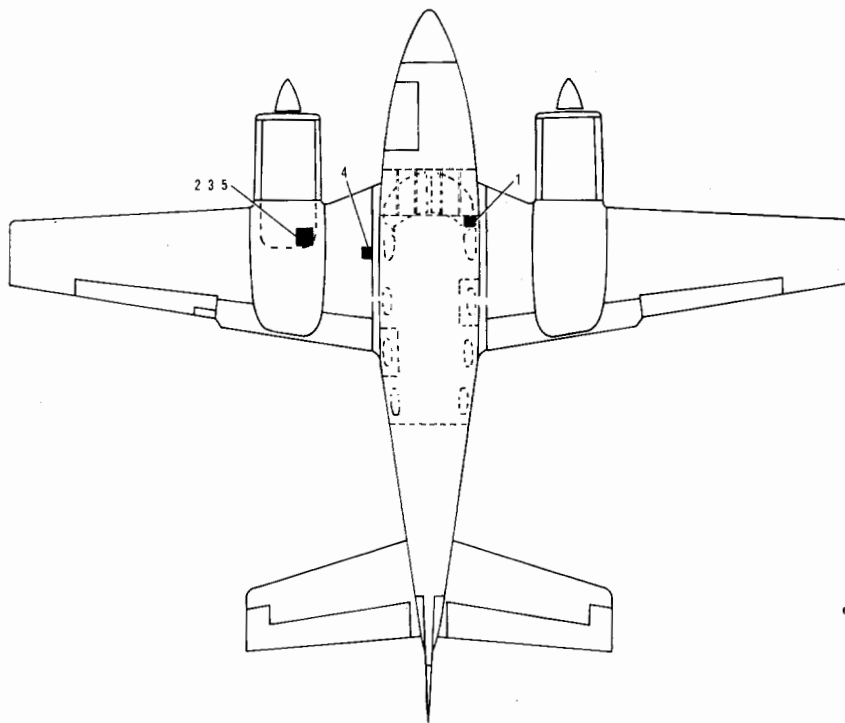
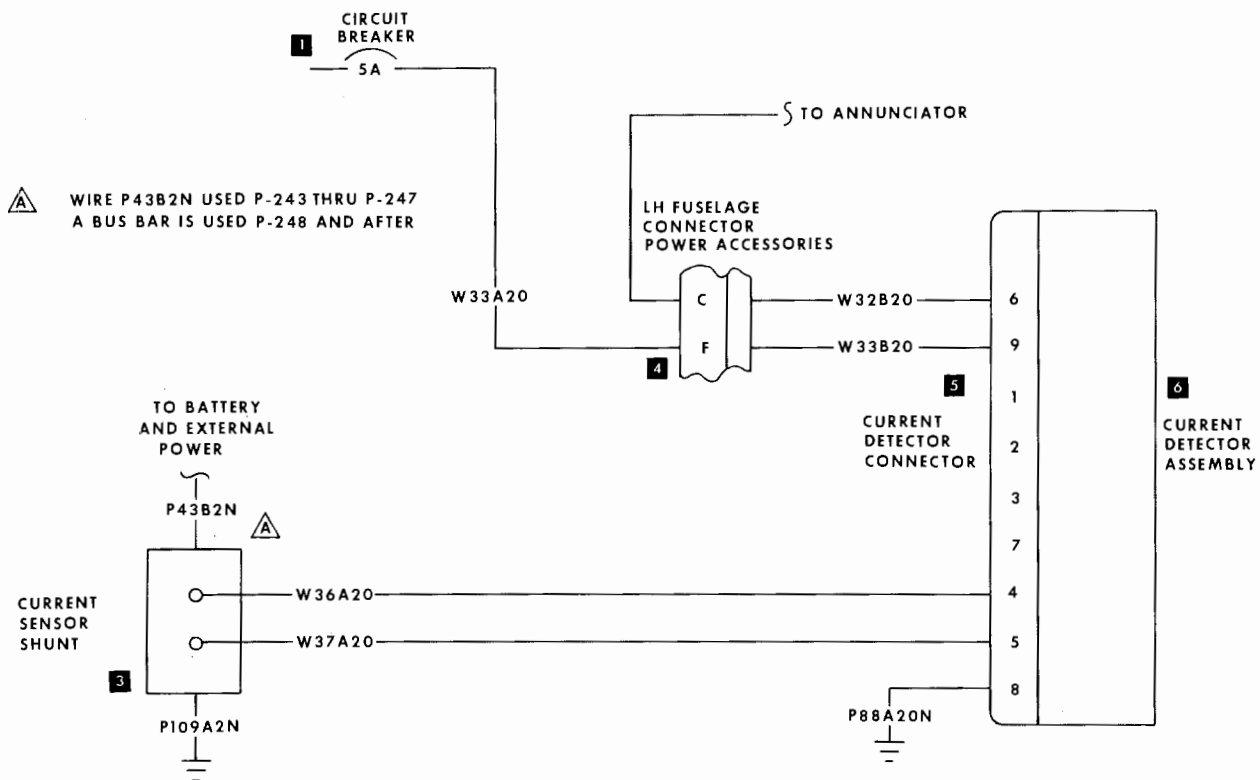
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	EFFECTIVITY							UNITS PER ASSY	USABLE ON CODE
			1	2	3	4	5	6	7		
34-02 - 1	7277-2-5	CIRCUIT BREAKER								1	1
	100-364291-1	DECAL,CIRCUIT BREAKER								1	1
- 2	50-361213-11	BUS BAR								1	1
- 3	MA751H125	SHUNT,CURRENT SENSOR								1	1
- 4	10-74732-82S	CONNECTOR,FUSELAGE LH POWER ACCESSORIES								1	1
	CS3106A32-82P	CONNECTOR,FUSELAGE LH POWER ACCESSORIES								1	1
	AN960-3616L	WASHER,CONNECTOR								1	1
- 5	130106ESM9S	CONNECTOR,CURRENT SENSOR								1	1
	130102-5	SHELL,CONNECTOR								1	1
	130104M2	SCREW LOCK,CONNECTOR								2	1
- 6	100-364285-1	SENSOR,CURRENT								1	1

CODES OF EFFECTIVITY

1 P-243 AND AFTER

BEECHCRAFT DUKE 60 SERIES WIRING DIAGRAM MANUAL



60-369-142

Battery Charge Current Detector
P-243 and after

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

24-40-01
BATTERY AND EXTERNAL POWER
P-4 THRU P-242

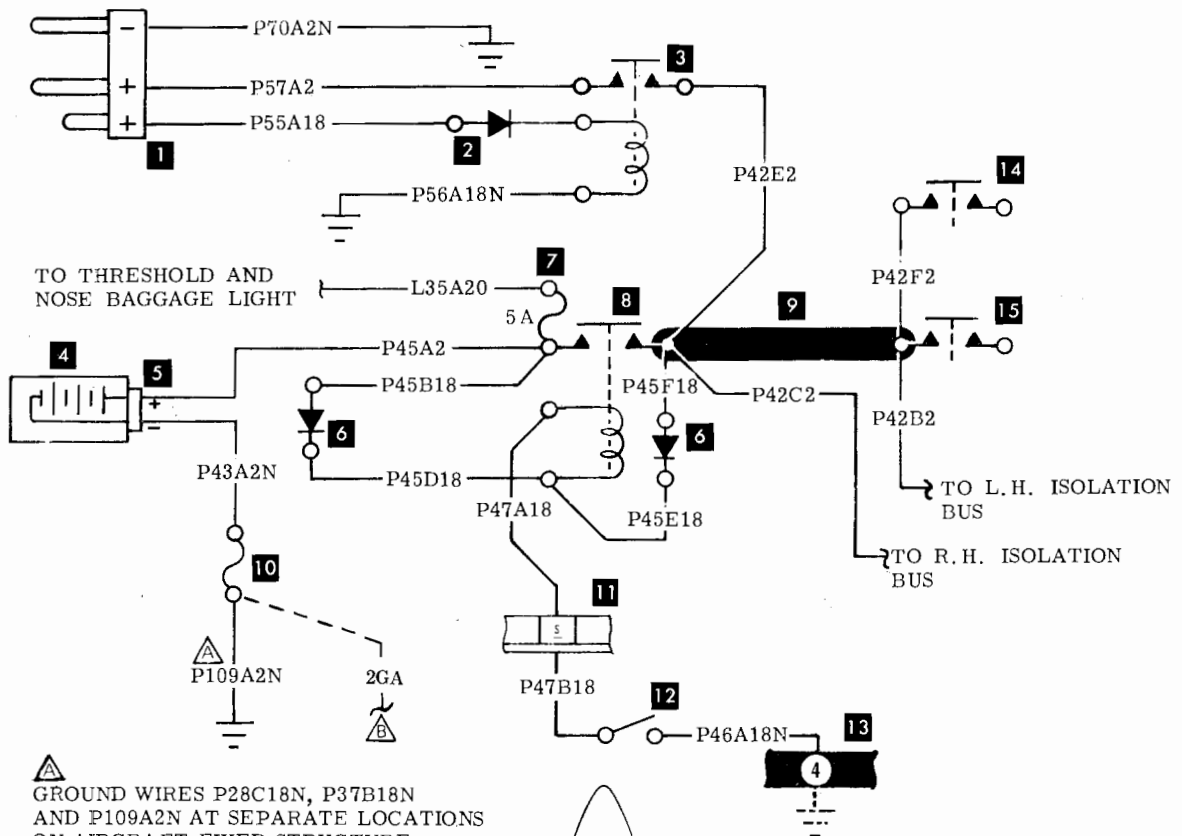
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
40-01 - 1	AN2552A3A	RECEPTACLE,EXTERNAL POWER								1	3
- 2	1N4005	DIODE,EXTERNAL POWER RELAY.								1	3
- 3	6041H189	RELAY,EXTERNAL POWER.								1	3
- 4	50-380078	BATTERY,24 VOLT 13 AMP HOUR								1	1
	60-389033-1	BATTERY,AIR COOLED.								1	2
- 5	MS25182-2	CONNECTOR,BATTERY								1	3
- 6	1N4005	DIODE,BATTERY RELAY								2	3
- 7	AGC5	FUSE,THRESHOLD LIGHT.								1	3
	60-369025-1	FUSEHOLDER,THRESHOLD LIGHT.								1	3
- 8	6041H189	RELAY,BATTERY								1	3
- 9	414-189412	BUS BAR								1	3
- 10	FLLG	LIMITER,BATTERY								1	3
	FSH	BASE,BATTERY LIMITER MOUNTING								1	3
- 11	PT07E22-41S	CONNECTOR,FUSELAGE LH WING ACCESSORIES.								1	3
	PT06A22-41P	CONNECTOR,FUSELAGE LH WING ACCESSORIES.								1	3
	AN960-2616L	WASHER,CONNECTOR.								1	3
- 12	35-380053-652	SWITCH ASSY,BATTERY								1	3
- 13	MS27212-1-8	TERMINAL BOARD,LH SUBPANEL.								1	1
	114675A1-8	STRIP,TERMINAL IDENTIFICATION								1	1
	MS25083-1AB5	STRAP,GROUND.								AR	3
- 14	6041H189	RELAY,LH STARTER.								1	3
- 15	6041H189	RELAY,RH STARTER.								1	3

CODES OF EFFECTIVITY

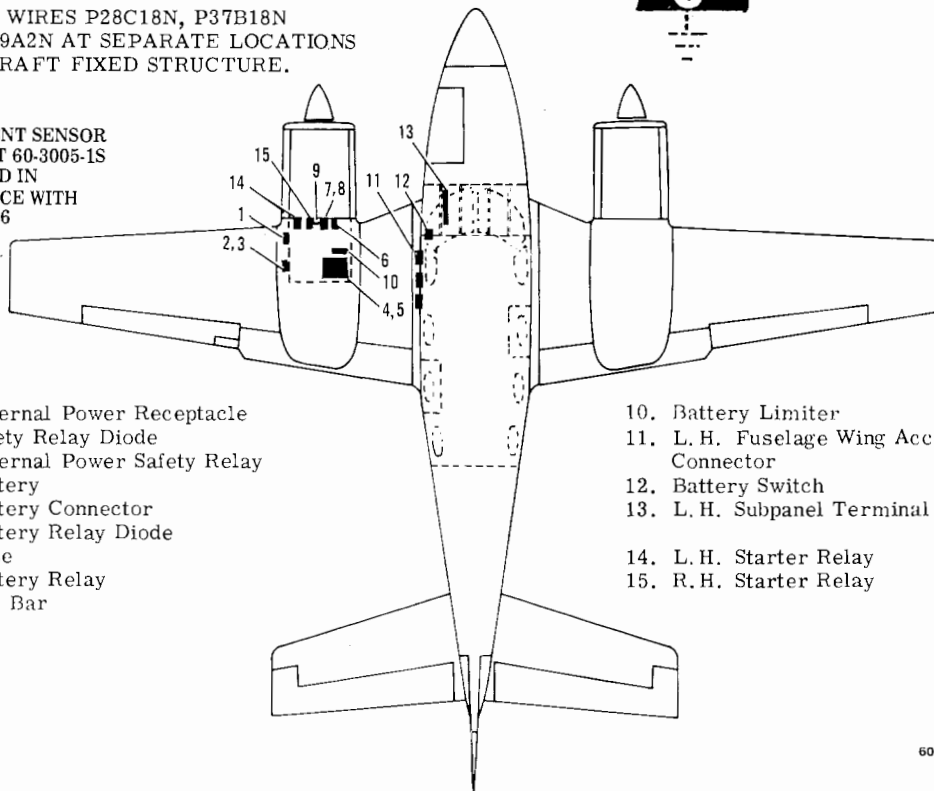
1 P-4 THRU P-225 2 P-226 THRU P-242
3 P-4 THRU P-242

BEECHCRAFT DUKE 60 SERIES WIRING DIAGRAM MANUAL



△
GROUND WIRES P28C18N, P37B18N
AND P109A2N AT SEPARATE LOCATIONS
ON AIRCRAFT FIXED STRUCTURE.

△
TO CURRENT SENSOR
SHUNT KIT 60-3005-1S
INSTALLED IN
COMPLIANCE WITH
S.1.0587-356



- 1. External Power Receptacle
- 2. Safety Relay Diode
- 3. External Power Safety Relay
- 4. Battery
- 5. Battery Connector
- 6. Battery Relay Diode
- 7. Fuse
- 8. Battery Relay
- 9. Bus Bar

- 10. Battery Limiter
- 11. L. H. Fuselage Wing Accessories Connector
- 12. Battery Switch
- 13. L. H. Subpanel Terminal Board
- 14. L. H. Starter Relay
- 15. R. H. Starter Relay

60-369-3A

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

24-40-02
BATTERY AND EXTERNAL POWER
P-243 AND AFTER

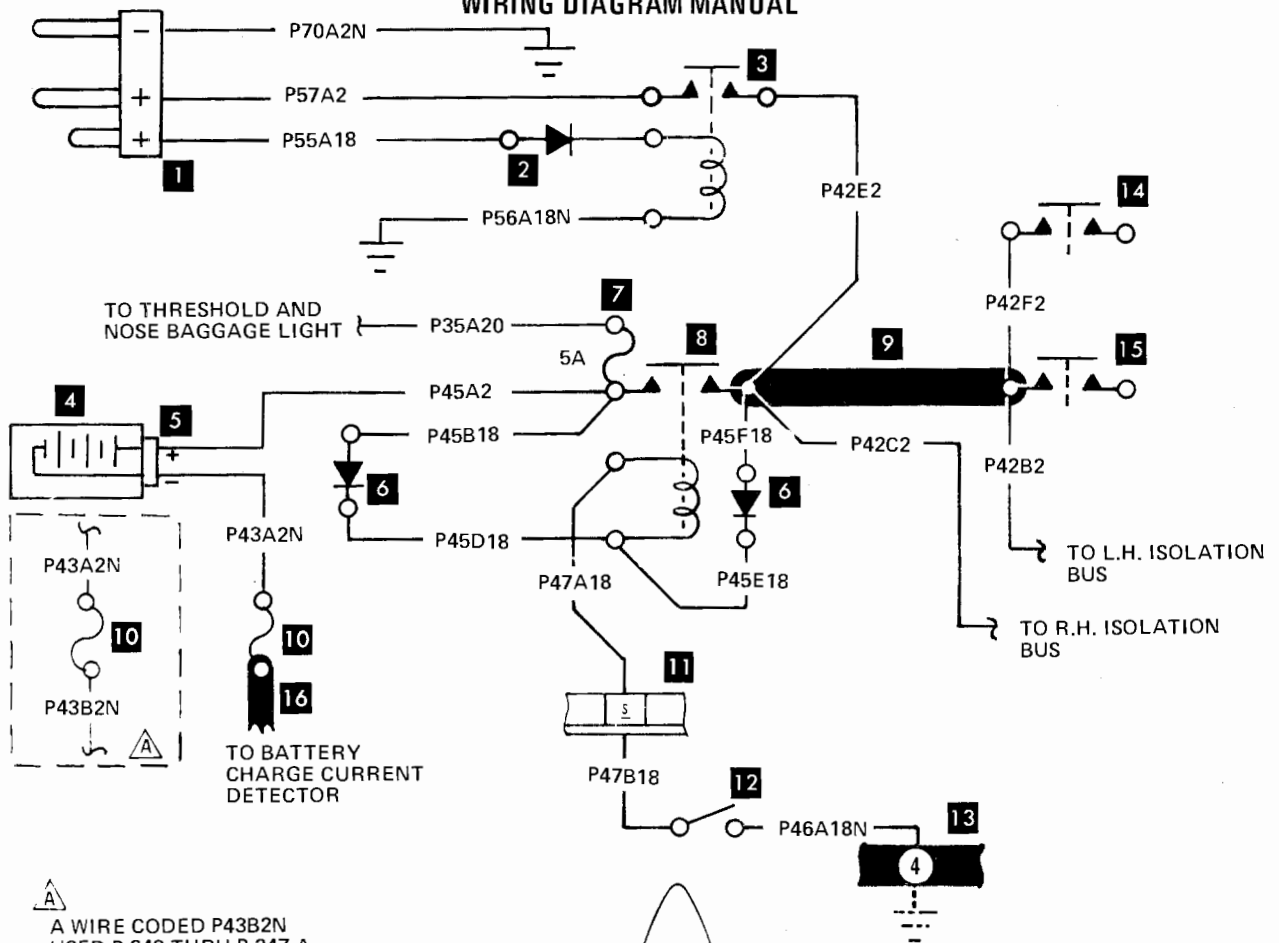
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
			1	2	3	4	5	6	7		
40-02 - 1	AN2552A3A	RECEPTACLE,EXTERNAL POWER								1	1
- 2	1N4005	DIODE,EXTERNAL POWER RELAY.								1	1
- 3	6041H189	RELAY,EXTERNAL POWER.								1	1
- 4	60-389033-1	BATTERY,AIR COOLED.								1	1
- 5	MS25182-2	CONNECTOR,BATTERY								1	1
- 6	1N4005	DIODE,BATTERY RELAY								2	1
- 7	AGC5	FUSE,THRESHOLD LIGHT.								1	1
	60-369025-1	FUSEHOLDER,THRESHOLD LIGHT.								1	1
- 8	6041H189	RELAY,BATTERY								1	1
- 9	414-189412	BUS BAR								1	1
- 10	FLLG	LIMITER,BATTERY								1	1
	FSH	BASE,BATTERY LIMITER MOUNTING								1	1
- 11	PT07E22-41S	CONNECTOR,FUSELAGE LH WING ACCESSORIES.								1	1
	PT06A22-41P	CONNECTOR,FUSELAGE LH WING ACCESSORIES.								1	1
	AN960-2616L	WASHER,CONNECTOR.								1	1
- 12	35-380053-652	SWITCH ASSY,BATTERY								1	1
- 13	MS27212-1-8	TERMINAL BOARD,LH SUBPANEL.								1	1
	114675A1-8	STRIP,TERMINAL IDENTIFICATION								1	1
	MS25083-1AB5	STRAP,GROUND.								AR	1
- 14	6041H189	RELAY,LH STARTER.								1	1
- 15	6041H189	RELAY,RH STARTER.								1	1
- 16	50-361213-11	BUS BAR								1	2

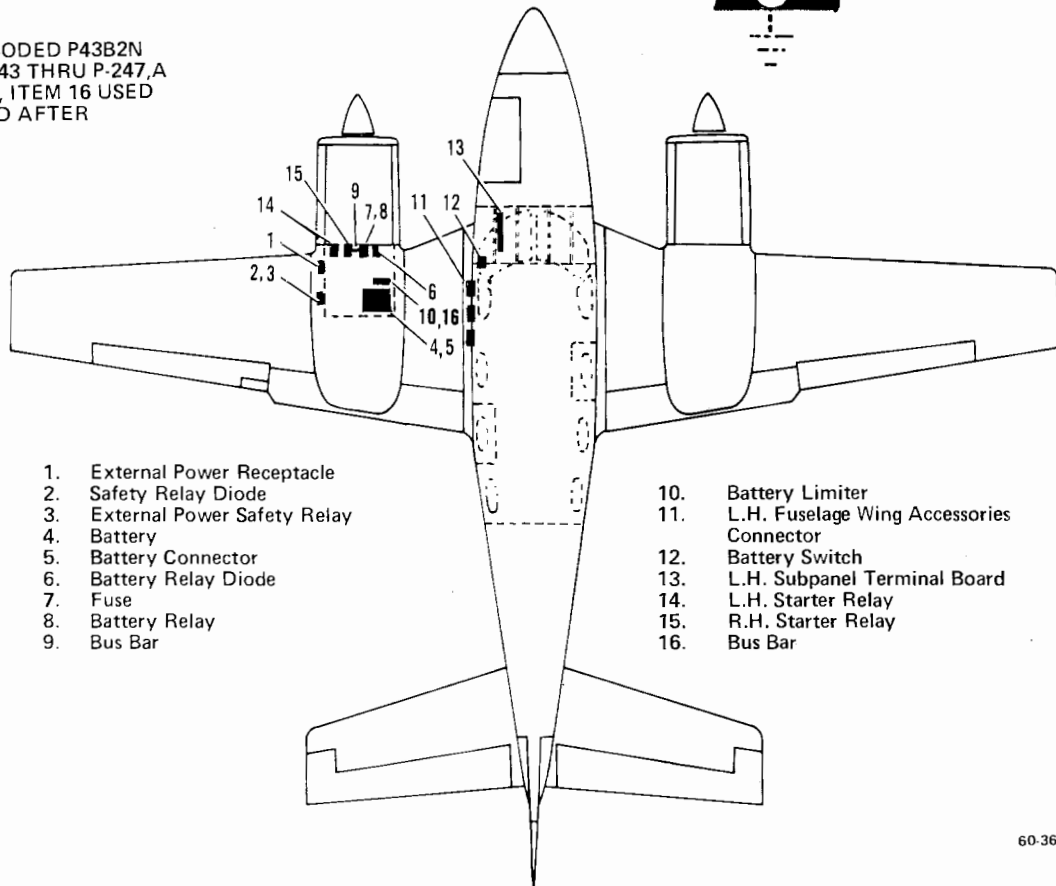
CODES OF EFFECTIVITY

1 P-243 AND AFTER 2 P-248 AND AFTER

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



A
A WIRE CODED P43B2N
USED P-243 THRU P-247, A
BUS BAR, ITEM 16 USED
P-248 AND AFTER



- 1. External Power Receptacle
- 2. Safety Relay Diode
- 3. External Power Safety Relay
- 4. Battery
- 5. Battery Connector
- 6. Battery Relay Diode
- 7. Fuse
- 8. Battery Relay
- 9. Bus Bar

- 10. Battery Limiter
- 11. L.H. Fuselage Wing Accessories Connector
- 12. Battery Switch
- 13. L.H. Subpanel Terminal Board
- 14. L.H. Starter Relay
- 15. R.H. Starter Relay
- 16. Bus Bar

60.369-3B

**Battery and External Power
P-243 and after**

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

24-50-01
POWER DISTRIBUTION
P-4 THRU P-61

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
50-01 - 1	PDLM120	CIRCUIT BREAKER,120 AMP ISOLATION	2	1
- 2	PDLM120	CIRCUIT BREAKER,120 AMP ISOLATION	2	1
- 3	50-364295-5	BUS BAR,ISOLATION CIRCUIT BREAKER	2	1
	60-369029	DECAL,BUS BAR	1	1
- 4	10-74732-82S	CONNECTOR,FUSELAGE LH POWER ACCESSORIES	1	1
	CS3106A32-82P	CONNECTOR,FUSELAGE LH POWER ACCESSORIES	1	1
	AN960-3616L	WASHER,CONNECTOR.	1	1
- 5	50-364295-3	BUS BAR,MAIN.	2	1
- 6	50-369101-7	BUS BAR,FEEDER CIRCUIT BREAKERS	2	1
- 7	507-250-101	CIRCUIT BREAKER,FEEDER /SUPERSEDES 105-250-101/	2	1
- 8	50-364308-21	DIODE ASSY,FEEDER	2	1
	70H10	. DIODE,FEEDER.	2	1
	B2446	. HEAT SINK,FEEDER DIODE.	1	1
	WD333	. WASHER,MICA	4	1
	50-364308-109	. SLEEVE,INSULATOR.	2	1
	103	INSULATOR,FEEDER DIODE.	8	1
- 9	PDLM45I	CIRCUIT BREAKER,NO.2 & NO.3 INVERTER.	2	1
	60-364038-3	PLACARD,NO.2 INVERTER CIRCUIT BREAKER	1	1
	60-364038-5	PLACARD,NO.3 INVERTER CIRCUIT BREAKER	1	1
- 10	MS26574-2	CIRCUIT BREAKER,AVIONICS BUS CONTROL.	1	1
- 11	MS24510-25	CIRCUIT BREAKER,AVIONICS BUS.	2	1
- 12	MST205N	SWITCH,AVIONICS MASTER.	1	1
- 13	MS24187D1	RELAY,AVIONICS POWER.	2	1

CODES OF EFFECTIVITY

1 P-4 THRU P-61

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

24-50-02
POWER DISTRIBUTION
P-62 THRU P-126 EXCEPT P-123

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION							UNITS PER ASSY	USABLE ON CODE
		1	2	3	4	5	6	7		
50-02 - 1	PDLMI20	CIRCUIT BREAKER,120 AMP ISOLATION							2	1
- 2	PDLMI20	CIRCUIT BREAKER,120 AMP ISOLATION							2	1
- 3	50-364295-5	BUS BAR,ISOLATION CIRCUIT BREAKER							2	1
	60-369029	DECAL,BUS BAR							1	1
- 4	10-74732-82S	CONNECTOR,FUSELAGE LH POWER ACCESSORIES							1	1
	CS3106A32-82P	CONNECTOR,FUSELAGE LH POWER ACCESSORIES							1	1
	AN960-3616L	WASHER,CONNECTOR.							1	1
- 5	50-364295-3	BUS BAR,MAIN.							2	1
- 6	50-369101-7	BUS BAR,FEEDER CIRCUIT BREAKERS							2	1
- 7	507-250-101	CIRCUIT BREAKER,FEEDER /SUPERSEDES 105-250-101/							2	1
- 8	50-364308-21	DIODE ASSY,FEEDER							2	1
	70H10	. DIODE,FEEDER.							2	1
	B2446	. HEAT SINK,FEEDER DIODE.							1	1
	WD333	. WASHER,MICA							4	1
	50-364308-109	. SLEEVE,INSULATOR.							2	1
	103	INSULATOR,FEEDER DIODE.							8	1
- 9	PDLM45I	CIRCUIT BREAKER,NO.2 & NO.3 INVERTER.							2	1
	60-364038-3	PLACARD,NO.2 INVERTER CIRCUIT BREAKER							1	1
	60-364038-5	PLACARD,NO.3 INVERTER CIRCUIT BREAKER							1	1
- 10	MS26574-2	CIRCUIT BREAKER,AVIONICS BUS CONTROL.							1	1
- 11	MS24510-25	CIRCUIT BREAKER,AVIONICS BUS.							2	1
- 12	MST205N	SWITCH,AVIONICS MASTER.							1	1
- 13	MS24187D1	RELAY,AVIONICS POWER.							2	1

CODES OF EFFECTIVITY

1 P-62 THRU P-126
EXCEPT P-123

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

24-50-03
POWER DISTRIBUTION
P-123,P-127 THRU P-169

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION							UNITS PER ASSY	USABLE ON CODE
		1	2	3	4	5	6	7		
50-03 - 1	PDLM120	CIRCUIT BREAKER,120 AMP ISOLATION							2	1
- 2	PDLM120	CIRCUIT BREAKER,120 AMP ISOLATION							2	1
- 3	50-364295-5	BUS BAR,ISOLATION CIRCUIT BREAKER							2	1
	60-369029	DECAL,BUS BAR							1	1
- 4	10-74732-82S	CONNECTOR,FUSELAGE LH POWER ACCESSORIES							1	1
	CS3106A32-82P	CONNECTOR,FUSELAGE LH POWER ACCESSORIES							1	1
	AN960-3616L	WASHER,CONNECTOR							1	1
- 5	50-364295-3	BUS BAR,MAIN							2	1
- 6	50-369101-7	BUS BAR,FEEDER CIRCUIT BREAKERS							2	1
- 7	507-250-101	CIRCUIT BREAKER,FEEDER /SUPERSEDES 105-250-101/							2	1
- 8	50-364308-21	DIODE ASSY,FEEDER							2	1
	70H10	. DIODE,FEEDER							2	1
	B2446	. HEAT SINK,FEEDER DIODE							1	1
	WD33	. WASHER,MICA							4	1
	50-364308-109	. SLEEVE,INSULATOR							2	1
	103	INSULATOR,FEEDER DIODE							8	1
- 9	PDLM451	CIRCUIT BREAKER,NO.2 & NO.3 INVERTER							2	1
	60-364038-3	PLACARD,NO.2 INVERTER CIRCUIT BREAKER							1	1
	60-364038-5	PLACARD,NO.3 INVERTER CIRCUIT BREAKER							1	1
- 10	MS26574-2	CIRCUIT BREAKER,AVIONICS BUS CONTROL							1	1
- 11	MS24510-25	CIRCUIT BREAKER,AVIONICS BUS							2	1
- 12	MST205N	SWITCH,AVIONICS MASTER							1	1
- 13	MS24187D1	RELAY,AVIONICS POWER							2	1

CODES OF EFFECTIVITY

1 P-123,
P-127 THRU P-169

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

24-50-04
POWER DISTRIBUTION
P-170 AND AFTER AND AIRCRAFT IN COMPLIANCE
WITH S.I. 0533-351 REV. I.

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1	2	3	4	5	6	7	UNITS PER ASSY	USABLE ON CODE
50-04 - 1	PDLM120	CIRCUIT BREAKER,120 AMP ISOLATION								2	1
- 2	PDLM120	CIRCUIT BREAKER,120 AMP ISOLATION								2	1
- 3	50-364295-5	BUS BAR,ISOLATION CIRCUIT BREAKER								2	1
	60-369029	DECAL,BUS BAR								1	1
- 4	10-74732-82S	CONNECTOR,FUSELAGE LH POWER ACCESSORIES								1	1
	CS3106A32-82P	CONNECTOR,FUSELAGE LH POWER ACCESSORIES								1	1
	AN960-3616L	WASHER,CONNECTOR.								1	1
- 5	50-364295-3	BUS BAR,MAIN.								2	1
- 6	50-369101-7	BUS BAR,FEEDER CIRCUIT BREAKERS								2	1
- 7	507-250-101	CIRCUIT BREAKER,FEEDER /SUPERSEDES 105-250-101/								2	1
- 8	50-364308-21	DIODE ASSY,FEEDER								2	1
	70H10	. DIODE,FEEDER.								2	1
	B2446	. HEAT SINK,FEEDER DIODE.								1	1
	WD33	. WASHER,MICA								4	1
	50-364308-109	. SLEEVE,INSULATOR.								2	1
	103	INSULATOR,FEEDER DIODE.								8	1
- 9	PDLM45I	CIRCUIT BREAKER,NO.2 & NO.3 INVERTER.								2	1
	60-364038-3	PLACARD,NO.2 INVERTER CIRCUIT BREAKER								1	1
	60-364038-5	PLACARD,NO.3 INVERTER CIRCUIT BREAKER								1	1
- 10	MS26574-2	CIRCUIT BREAKER,AVIONICS BUS CONTROL.								1	1
- 11	MS24510-25	CIRCUIT BREAKER,AVIONICS BUS.								2	1
- 12	MST205N	SWITCH,AVIONICS MASTER.								1	1
- 13	MS24187D1	RELAY,AVIONICS POWER.								2	1

CODES OF EFFECTIVITY

I P-170 AND AFTER
AND AIRCRAFT IN
COMPLIANCE WITH
S.I.05333-351 REV.I

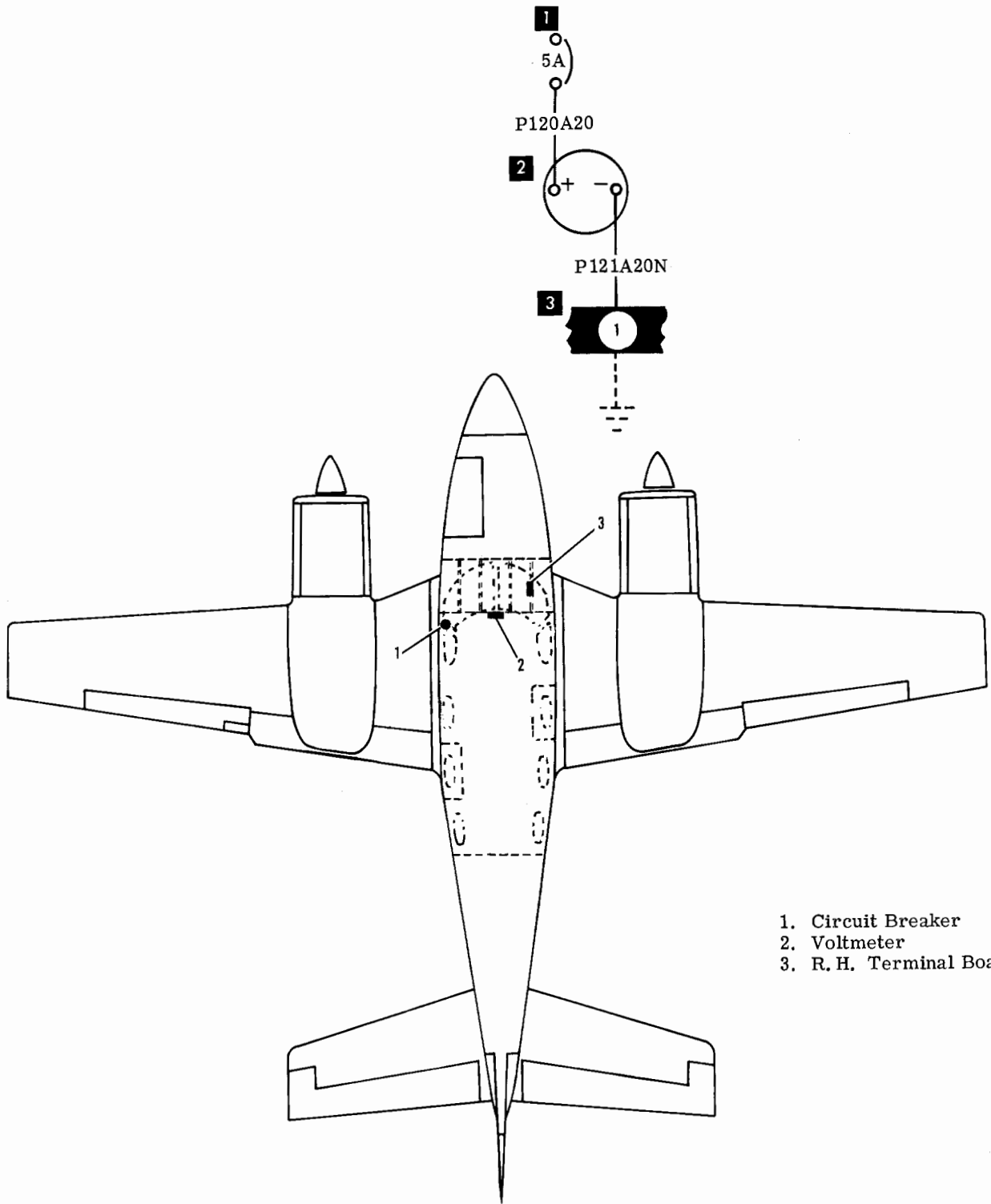
BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

24-51-01
VOLTMETER

B E E C H C R A F T
 D U K E 6 0 S E R I E S
 W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE	
51-01 - 1	MS26574-5	CIRCUIT BREAKER,VOLTMETER									1	
- 2	60-384038	VOLTMETER									1	
- 3	MS27212-1-8	TERMINAL BOARD,SUBPANEL RH.									1	
	114675C1-8	STRIP,TERMINAL IDENTIFICATION									1	

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



- 1. Circuit Breaker
- 2. Voltmeter
- 3. R. H. Terminal Board

Voltmeter

60-369-53

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

**LIST OF PAGES
FOR
CHAPTER 25-00-00 EQUIPMENT**

SYS/SUB-SYS/ CHAP SECTION	PAGE NO.	DATE	SYS/SUB-SYS/ CHAP SECTION	PAGE NO.	DATE	SYS/SUB-SYS/ CHAP SECTION	PAGE NO.	DATE
25-00-00	1	11/02/73	25-30-01	2	11/02/73	25-31-01	2	11/02/73
25-00-00	2	11/02/73	25-30-01	3	11/02/73	25-31-01	3	11/02/73
25-30-01	1	11/02/73	25-31-01	1	11/02/73			

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

CHAPTER 25

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SUBJECT	CHAPTER SECTION SUBJECT	PAGE
EQUIPMENT/FURNISHINGS	25	
Buffet/Galley	25-30	
Cigarette Lighters	25-30-01	1 thru 3
Utility	25-31-01	1 thru 3

“END”

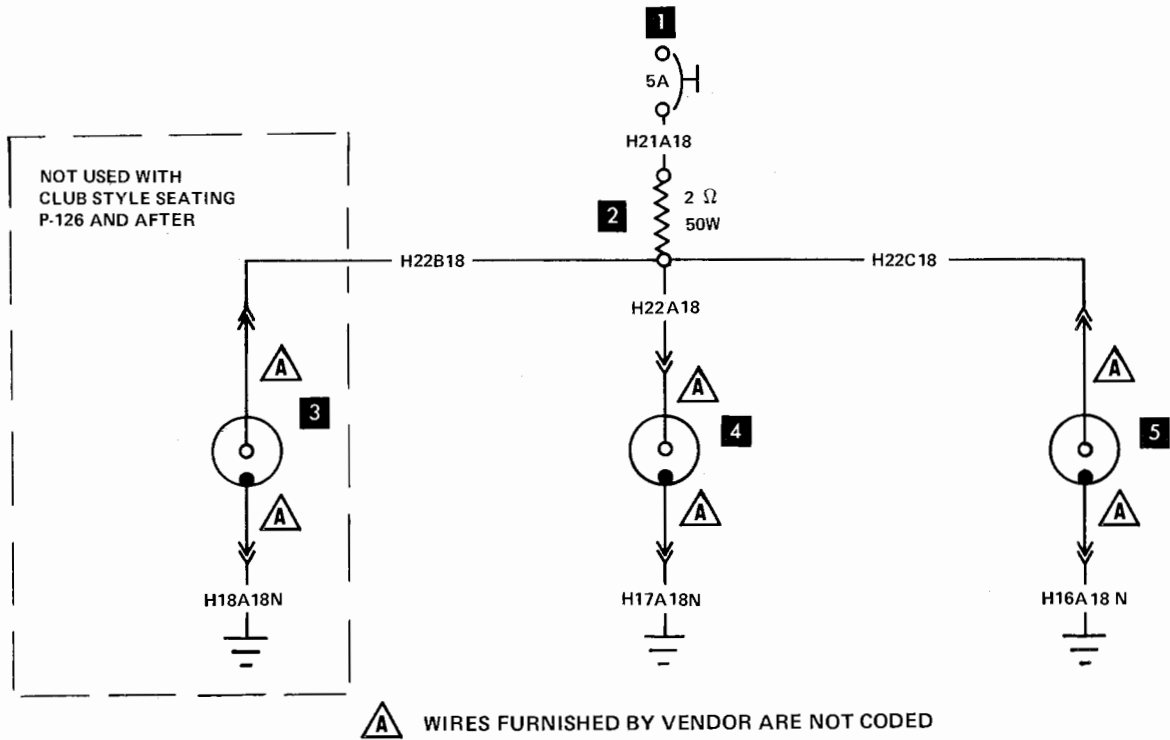
BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

25-30-01
CIGARETTE LIGHTERS

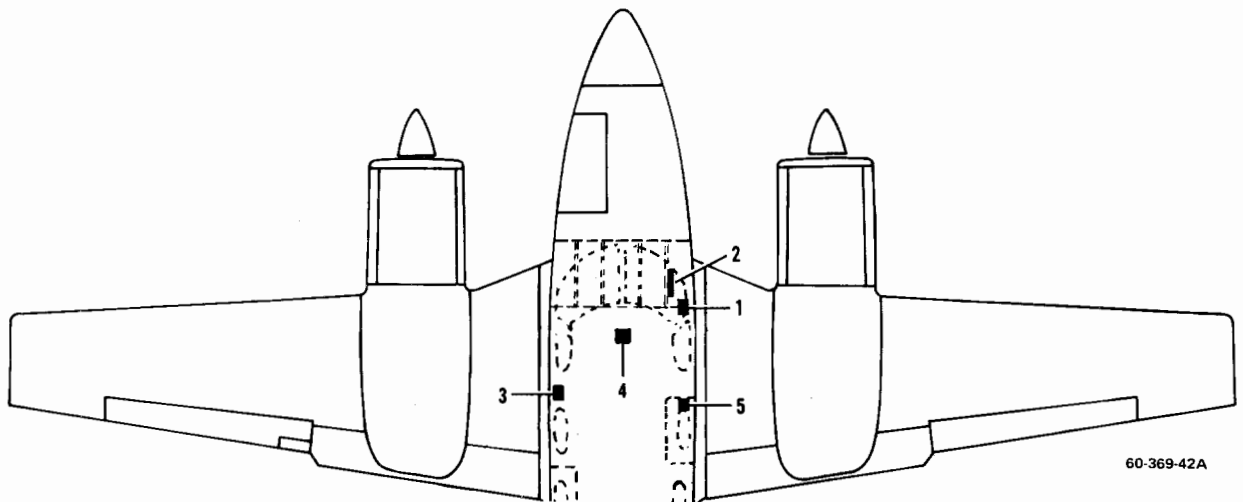
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
30-01 - 1	MS26574-5	CIRCUIT BREAKER, CIGARETTE LIGHTER								1	
- 2	2 OHM 50 WATT	RESISTOR /TYPE 6107/.								1	
- 3	202095	LIGHTER, LH FWD CIGARETTE /KNOB & HEATER/. /SUPERSEDES LPA27630/								1	
- 4	202095	LIGHTER, COCKPIT CIGARETTE /KNOB & HEATER/. /SUPERSEDES LPA27630/								1	
- 5	202095	LIGHTER, RH FWD CIGARETTE /KNOB & HEATER/. /SUPERSEDES LPA27630/								1	
	LFA2850	FUSE, CIGARETTE LIGHTER.								3	
	LWA29455	CORD ASSY, CIGARETTE LIGHTER/SUPERSEDES LWA2919/								3	
	LGA27492	SWITCH BASE ASSY, CIGARETTE LIGHTER.								3	
	LU27054	SHELL, CIGARETTE LIGHTER								3	

BEECHCRAFT DUKE 60 SERIES WIRING DIAGRAM MANUAL



1. Circuit Breaker
2. Resistor
3. L.H. Forward Cigarette Lighter
4. Cockpit Cigarette Lighter
5. R.H. Forward Cigarette Lighter



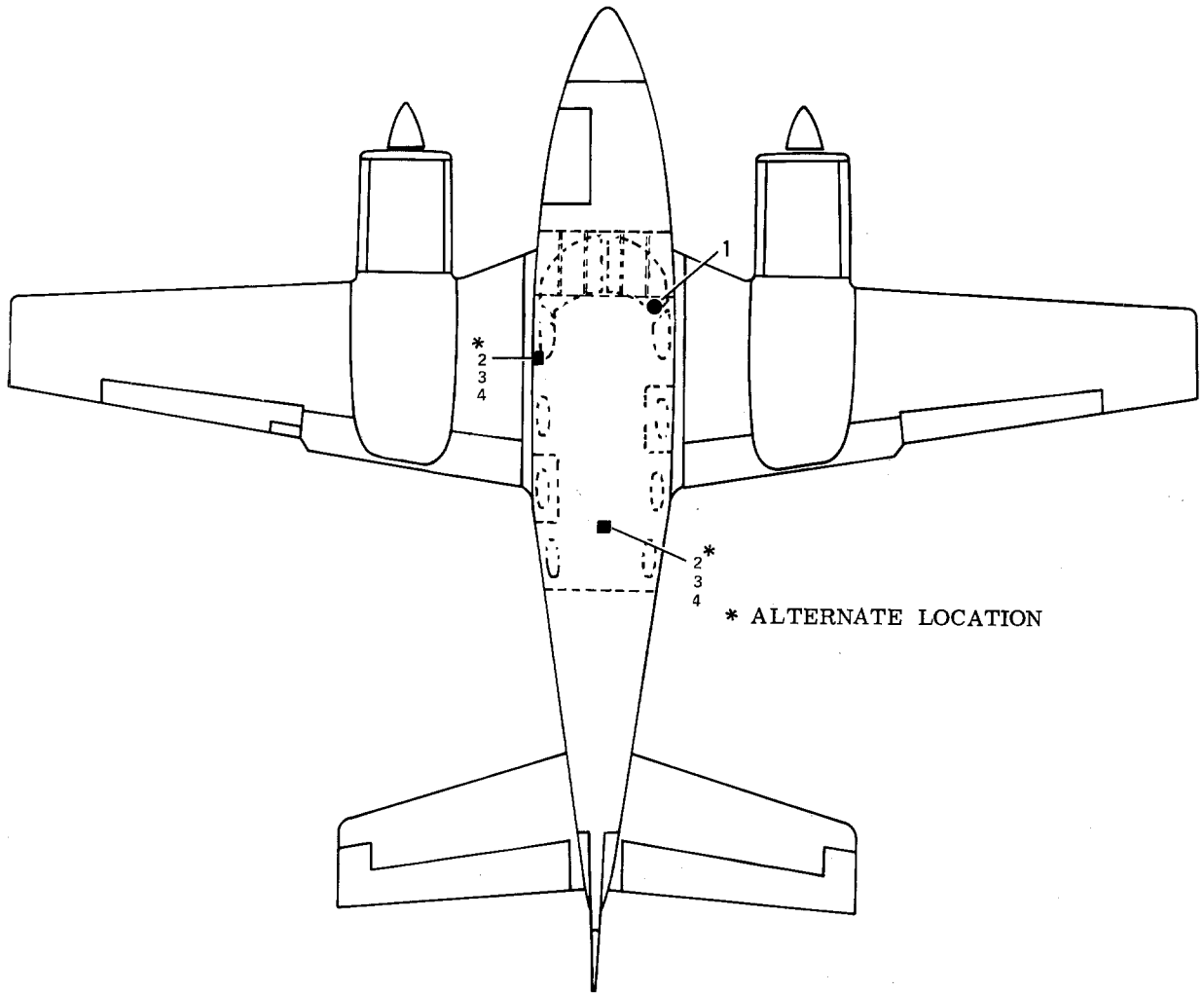
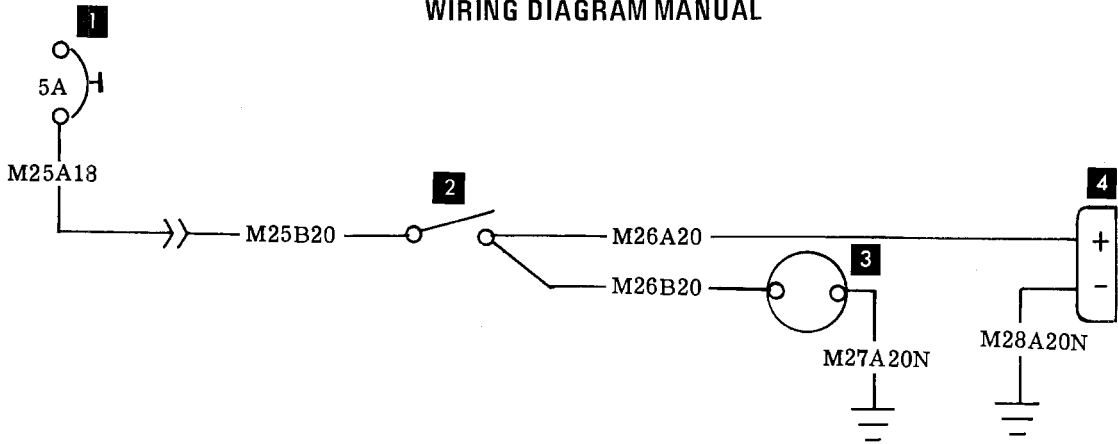
BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

25-31-01
UTILITY

B E E C H C R A F T
 D U K E 6 0 S E R I E S
 W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
31-01 - 1	MS26574-5	CIRCUIT BREAKER, COFFEE UNIT OUTLET /OPTIONAL/ .	1	
- 2	L18366-3	SWITCH, COFFEE UNIT.	1	
	S6234	LIGHT ASSY, COFFEE UNIT ON	1	
- 3	327	. BULB, LIGHT.	1	
- 4	16707	CONNECTOR, COFFEE UNIT	1	

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



* ALTERNATE LOCATION

- 1. Coffee Outlet Circuit Breaker
- 2. Coffee Unit Switch
- 3. Coffee Unit On Light
- 4. Coffee Unit Receptacle

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

LIST OF PAGES
FOR
CHAPTER 27-00-00 FLIGHT CONTROLS

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27-00-00	1	11/02/73	27-31-01	2	11/02/73	27-50-01	2	11/02/73
27-00-00	2	11/02/73	27-31-01	3	11/02/73	27-50-01	3	11/02/73
27-30-01	1	11/02/73	27-32-01	1	11/02/73	27-50-02	1	11/02/73
27-30-01	2	11/02/73	27-32-01	2	11/02/73	27-50-02	2	11/02/73
27-30-01	3	11/02/73	27-32-01	3	11/02/73	27-50-02	3	11/02/73
27-30-02	1	11/02/73	27-32-02	1	11/02/73	27-50-02	4	11/02/73
27-30-02	2	11/02/73	27-32-02	2	11/02/73	27-51-01	1	11/02/73
27-30-02	3	11/02/73	27-32-02	3	11/02/73	27-51-01	2	11/02/73
27-31-01	1	11/02/73	27-50-01	1	11/02/73	27-51-01	3	11/02/73

**BEECHCRAFT
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P-83 and after	27-30-02	1 thru 3
Elevator Trim (With H-14 Autopilot)		
P-112, P-123, P-127 and after	27-31-01	1 thru 3
Stall Warning Indicator		
P-4 thru P-162 except P-152, P-155, P-156 and P-158 prior to compliance with S.I.0430-355 or S.I.0431-355	27-32-01	1 thru 3
P-152, P-155, P-156, P-158, P-163 and after and aircraft in compliance with S.I.0430-355 or S.I.0431-355	27-32-02	1 thru 3
Flaps	27-50	
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P-4 thru P-246	27-50-01	1 thru 3
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“END”

BEECHCRAFT
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WIRING DIAGRAM MANUAL

27-30-01
ELEVATOR TRIM
P-4 THRU P-82

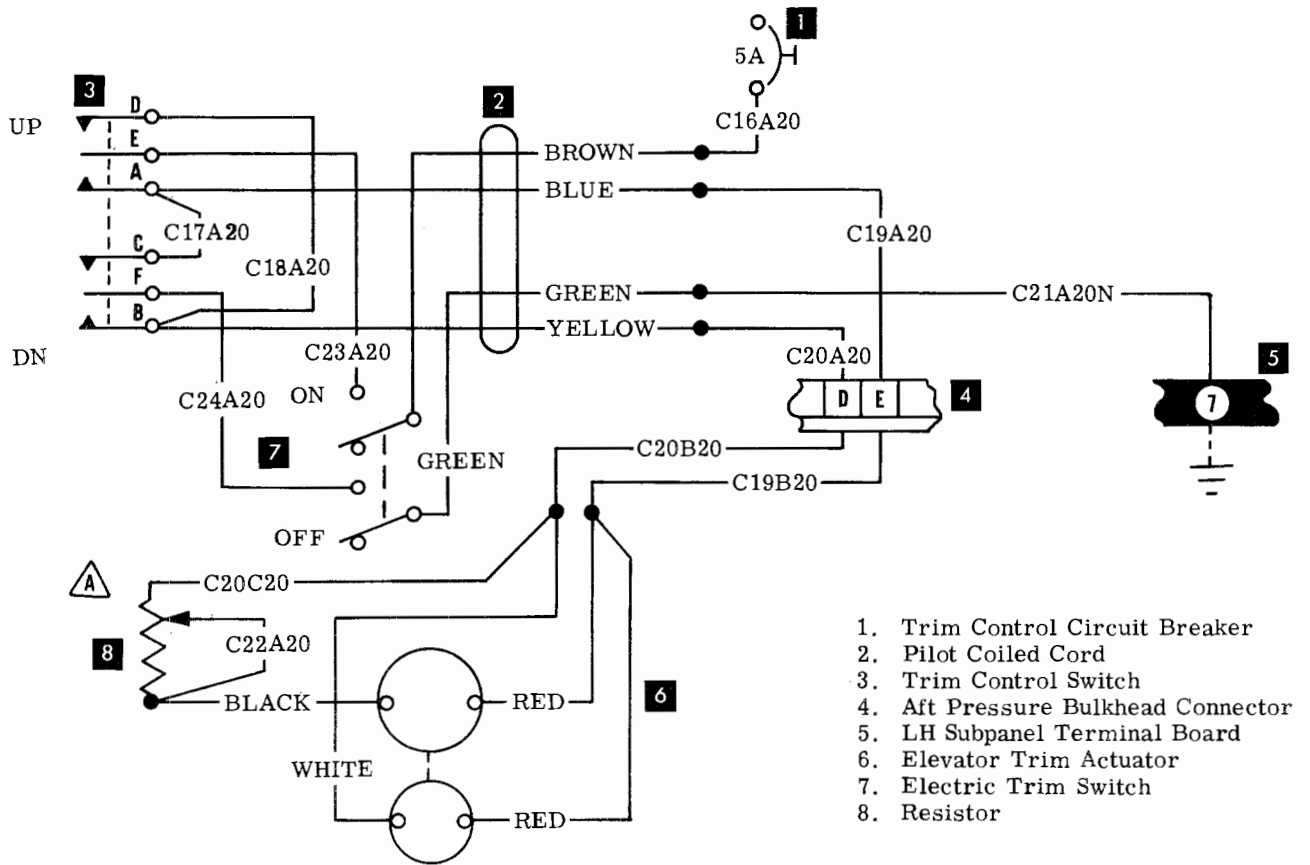
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	1 2 3 4 5 6 7	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
30-01 - 1	MS26574-5		CIRCUIT BREAKER, TRIM CONTROL	1	1
- 2	60-524168-3		CORD, PILOTS COILED	1	1
- 3	26006		SWITCH, TRIM CONTROL	1	1
- 4	PT07E14-5S		CONNECTOR, AFT PRESSURE BULKHEAD	1	1
	PT06A14-5P		CONNECTOR, AFT PRESSURE BULKHEAD	1	1
- 5	MS27212-1-8		TERMINAL BOARD, SUBPANEL LH.	1	1
	114675A1-8		STRIP, IDENTIFICATION	1	1
- 6	33-524023-5		ACTUATOR ASSY, ELEVATOR TRIM	1	1
- 7	35-380053-652		SWITCH ASSY, ELECTRIC TRIM ON-OFF	1	1
- 8	0363		RESISTOR /ADJUSTABLE/	1	1

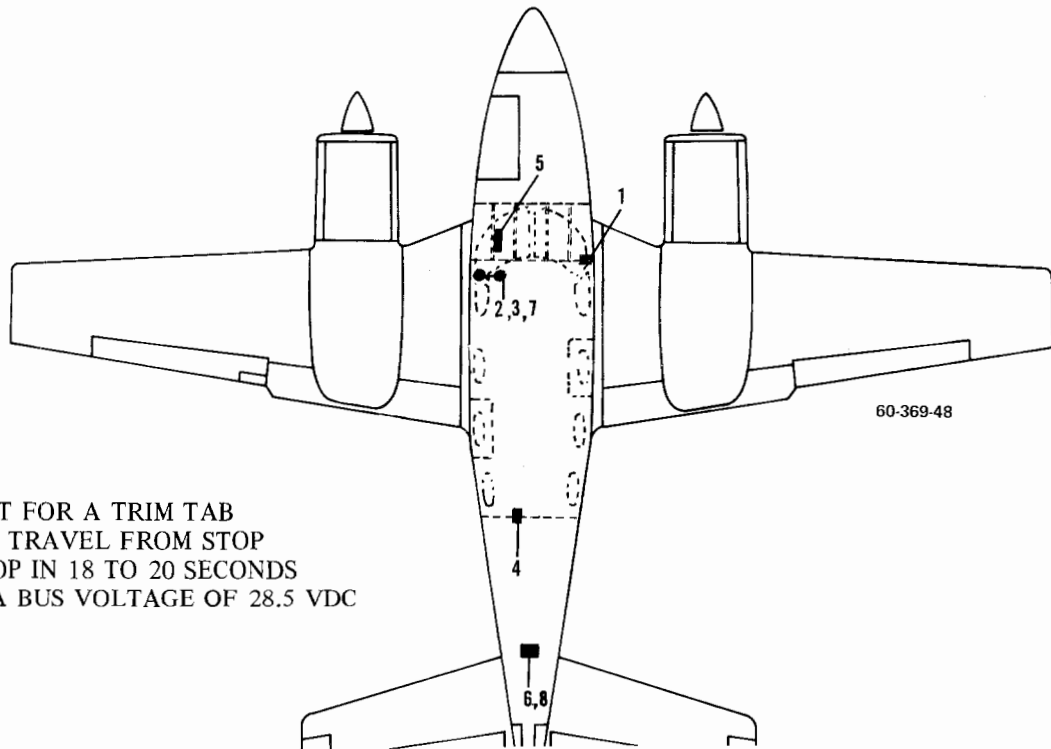
CODES OF EFFECTIVITY

1 P-4 THRU P-82

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



1. Trim Control Circuit Breaker
2. Pilot Coiled Cord
3. Trim Control Switch
4. Aft Pressure Bulkhead Connector
5. LH Subpanel Terminal Board
6. Elevator Trim Actuator
7. Electric Trim Switch
8. Resistor



A
 ADJUST FOR A TRIM TAB
 CABLE TRAVEL FROM STOP
 TO STOP IN 18 TO 20 SECONDS
 WITH A BUS VOLTAGE OF 28.5 VDC

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

27-30-02
ELEVATOR TRIM
P-83 AND AFTER

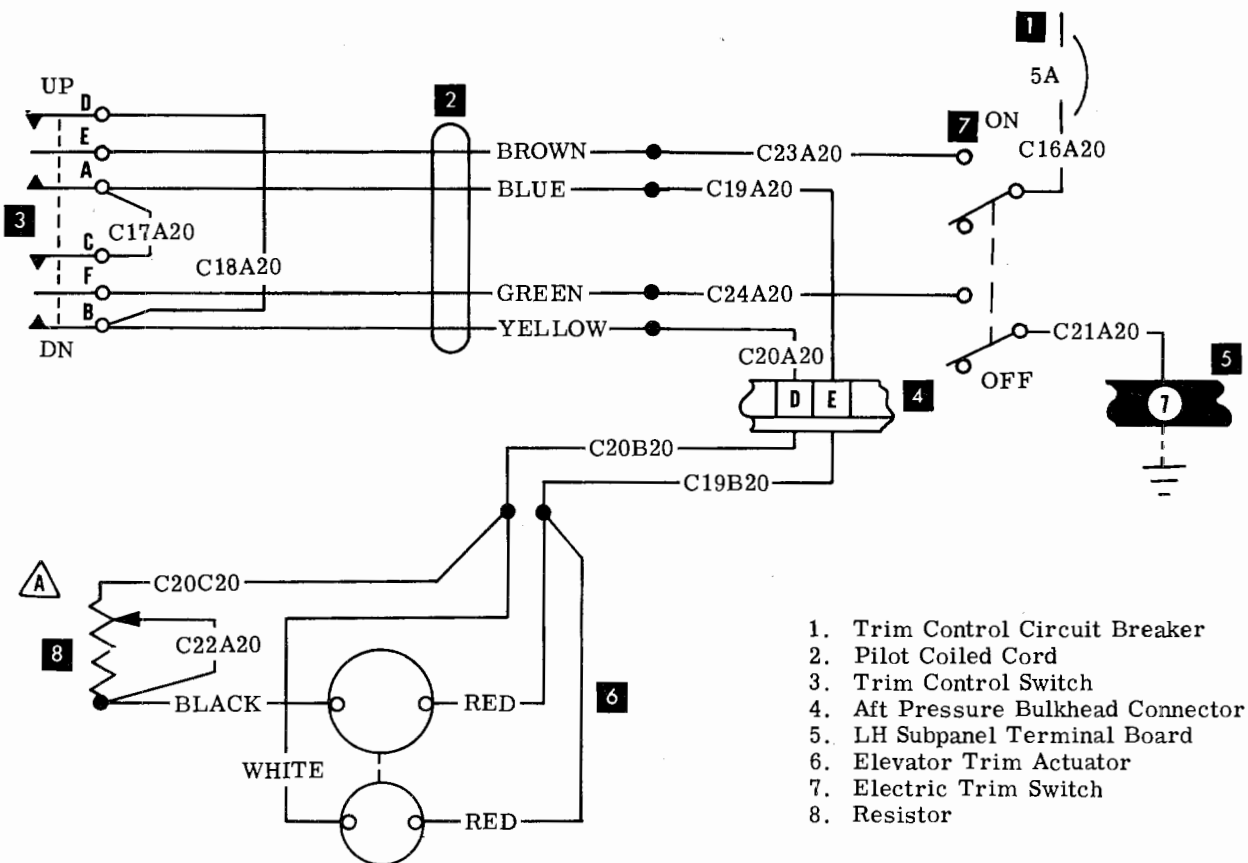
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY							USABLE ON CODE
			1	2	3	4	5	6	7	
30-02 - 1	MS26574-5	CIRCUIT BREAKER, TRIM CONTROL.							1	1
- 2	60-524168-3	CORD, PILOTS COILED.							1	1
- 3	26006	SWITCH, TRIM CONTROL							1	1
- 4	PT07E14-5S	CONNECTOR, AFT PRESSURE BULKHEAD							1	1
	PT06A14-5P	CONNECTOR, AFT PRESSURE BULKHEAD							1	1
- 5	MS27212-1-8	TERMINAL BOARD, SUBPANEL LH.							1	1
	114675A1-8	STRIP, IDENTIFICATION.							1	1
- 6	33-524023-5	ACTUATOR ASSY, ELEVATOR TRIM							1	1
- 7	35-380053-652	SWITCH ASSY, ELECTRIC TRIM ON-OFF.							1	1
- 8	0363	RESISTOR /ADJUSTABLE/							1	1

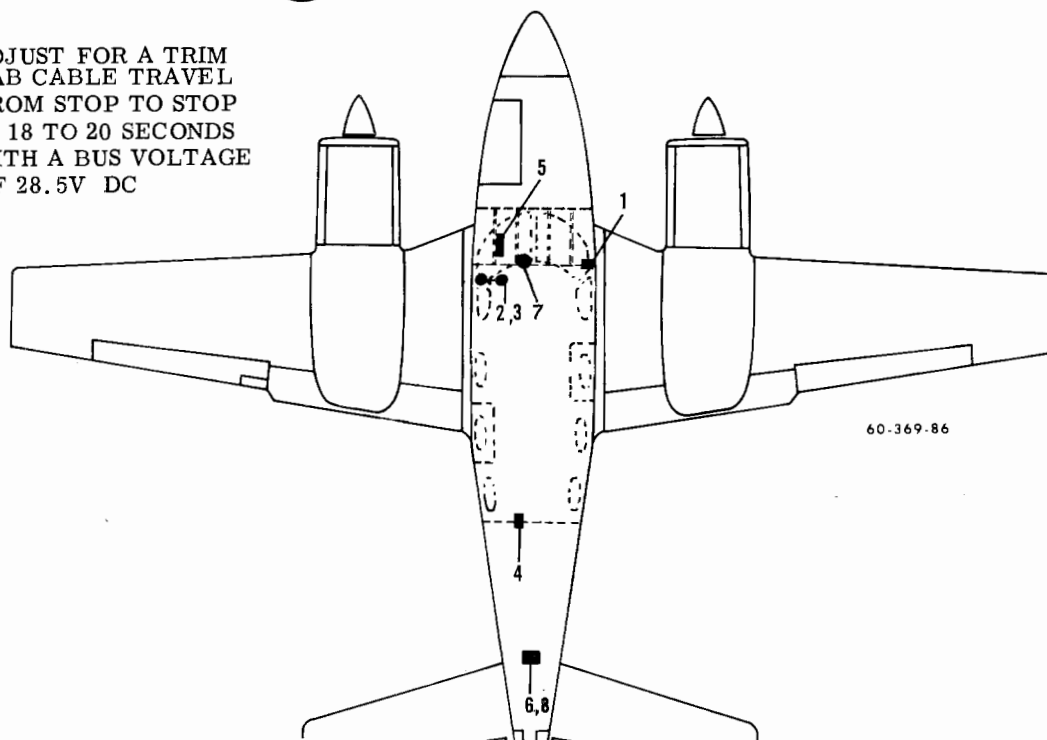
CODES OF EFFECTIVITY

1 P-83 AND AFTER

BEECHCRAFT DUKE 60 SERIES WIRING DIAGRAM MANUAL



A ADJUST FOR A TRIM
 TAB CABLE TRAVEL
 FROM STOP TO STOP
 IN 18 TO 20 SECONDS
 WITH A BUS VOLTAGE
 OF 28.5V DC



BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

27-31-01
ELEVATOR TRIM /WITH H-14 AUTOPILOT/
P-112,P-123,P-127 AND AFTER

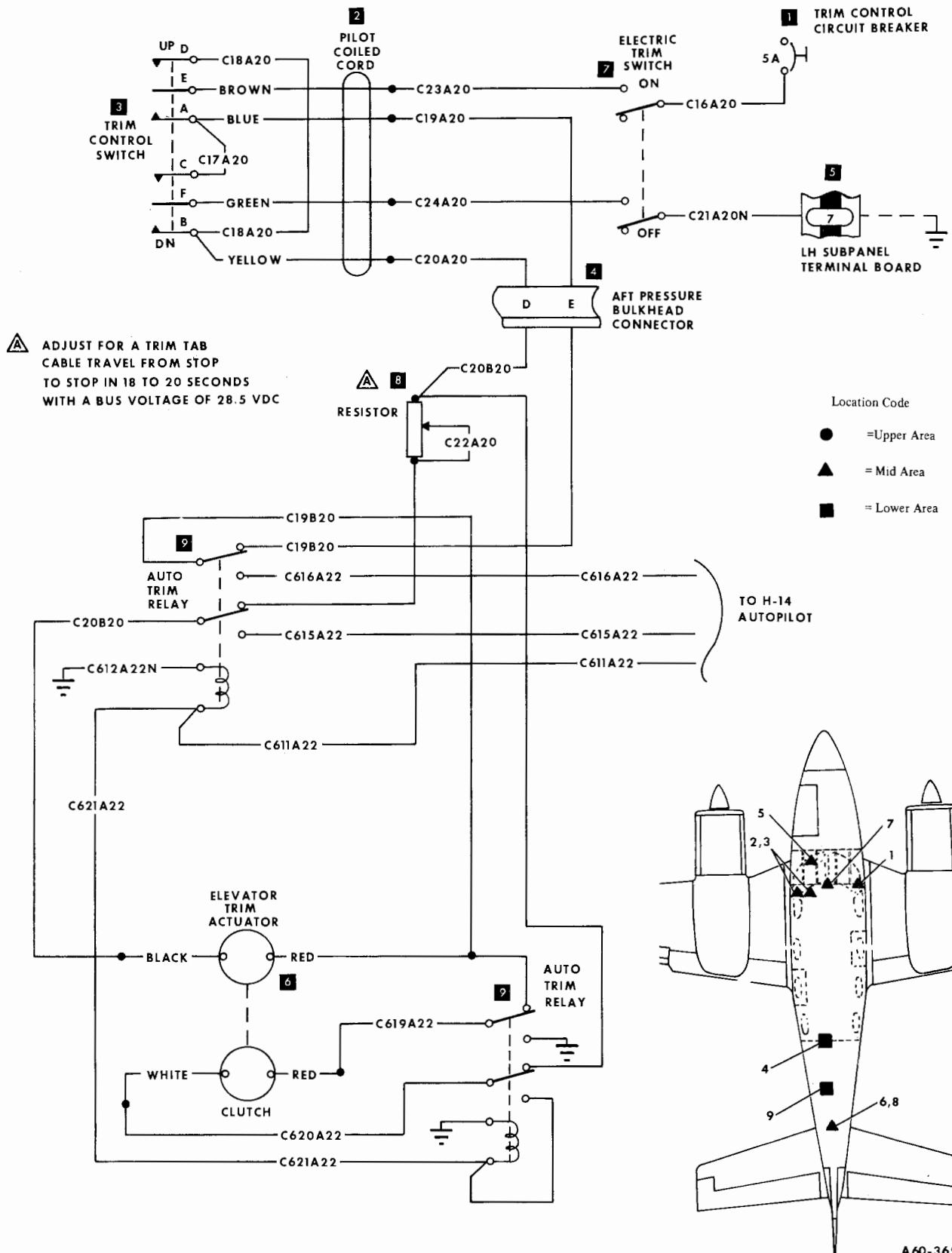
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
			1	2	3	4	5	6	7		
31-01 - 1	MS26574-5	CIRCUIT BREAKER, TRIM CONTROL								1	1
- 2	60-524168-3	CORD, PILOTS COILED								1	1
- 3	26006	SWITCH, TRIM CONTROL								1	1
- 4	PT07E14-5S	CONNECTOR, AFT PRESSURE BULKHEAD								1	1
	PT06A14-5P	CONNECTOR, AFT PRESSURE BULKHEAD								1	1
	AN960-1416L	WASHER, CONNECTOR								1	1
- 5	MS27212-1-8	TERMINAL BOARD, SUBPANEL LH.								1	1
	114675A1-8	STRIP, TERMINAL IDENTIFICATION								1	1
- 6	33-524023-5	ACTUATOR ASSY, ELEVATOR TRIM								1	1
- 7	35-380053-652	SWITCH ASSY, ELECTRIC TRIM ON-OFF								1	1
- 8	0363	RESISTOR /ADJUSTABLE/								1	1
- 9	50-380048-1	RELAY, AUTOTRIM								2	1

CODES OF EFFECTIVITY

1 P-112, P-123,
P-127 AND AFTER

BEECHCRAFT DUKE 60 SERIES WIRING DIAGRAM MANUAL



Elevator Trim (with H-14 Autopilot)
P-112, P-123, P-127 and after

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

27-32-01
STALL WARNING
P-4 THRU P-162 EXCEPT P-152,P-155,P-156 AND
P-158 PRIOR TO COMPLIANCE WITH S.I.0430-355
OR S.I.0431-355

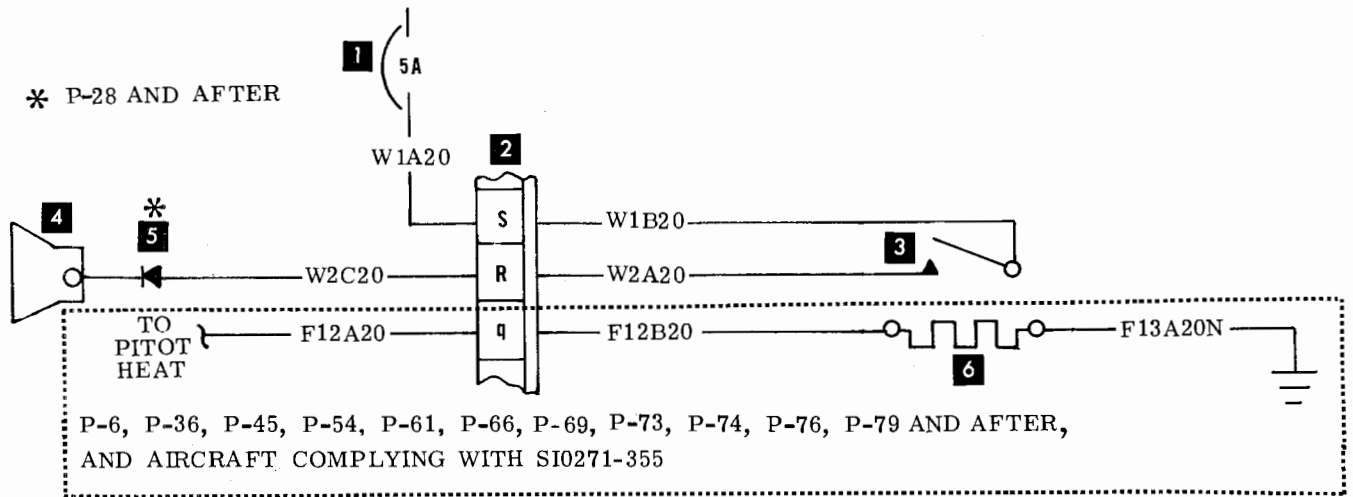
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
			1	2	3	4	5	6	7		
32-01 - 1	MS26574-5	CIRCUIT BREAKER,STALL WARNING								1	1
- 2	PT07E22-41S	CONNECTOR,FUSELAGE LH WING ACCESSORIES.								1	1
	PT06A22-41P	CONNECTOR,FUSELAGE LH WING ACCESSORIES.								1	1
	AN960-2616L	WASHER,CONNECTOR.								1	1
- 3	190-1	SWITCH,STALL DETECTOR /WITH DEICER/								1	1
	190-2	SWITCH,STALL DETECTOR /WITHOUT DEICER/.								1	1
	151-101-3	DOUBLER,STALL DETECTOR SWITCH								1	1
- 4	169-380021-11	HORN,STALL WARNING.								1	1
- 5	1N4005	DIODE								1	1
- 6	04407-2	HEATER,DETECTOR SWITCH.								NP	1

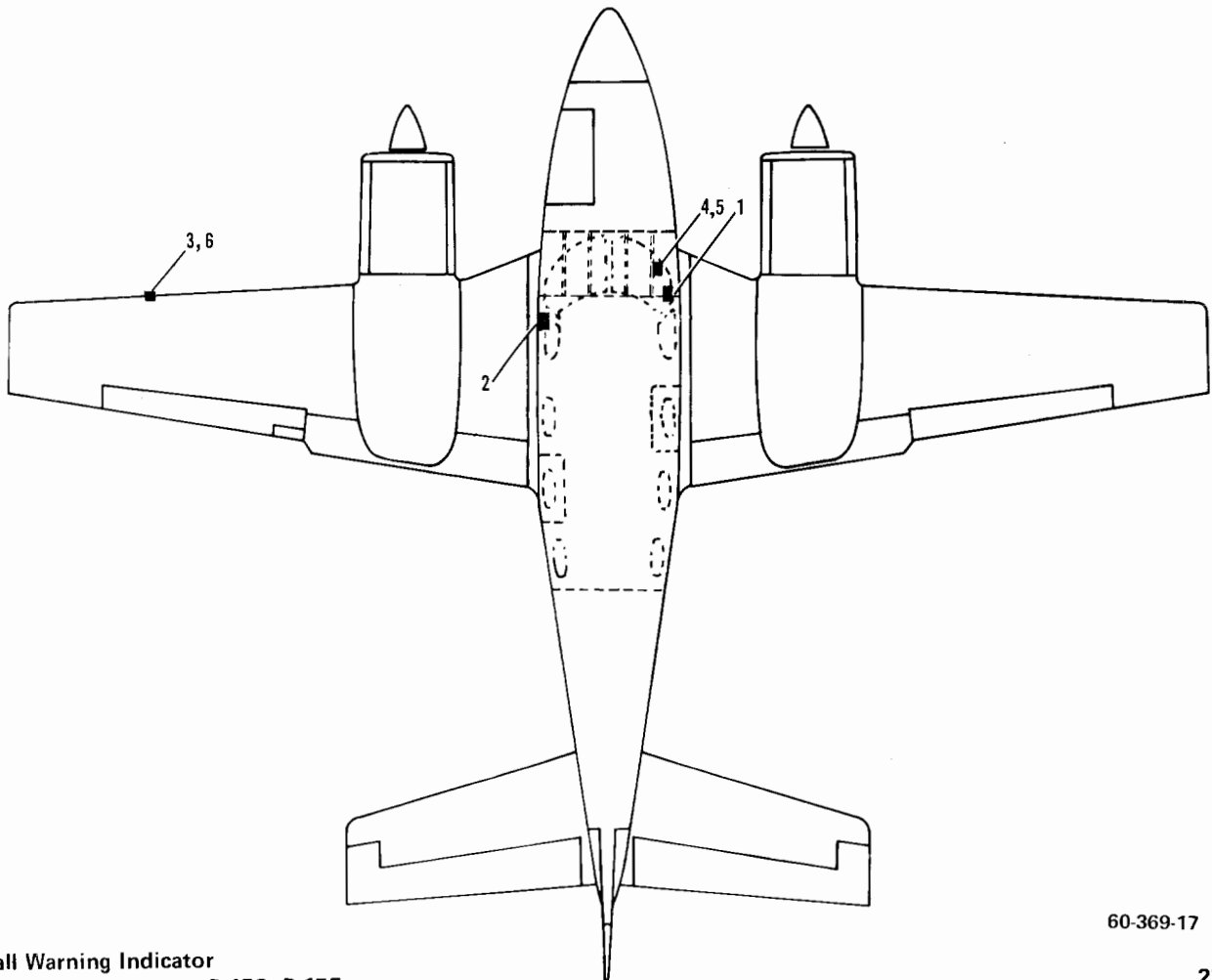
CODES OF EFFECTIVITY

1 P-4 THRU P-162
EXCEPT P-152,P-155,
P-156 AND P-158
PRIOR TO COMPLIANCE
WITH S.I. 0430-355
OR S.I.0431-355

BEECHCRAFT DUKE 60 SERIES WIRING DIAGRAM MANUAL



1. Circuit Breaker
2. L. H. Fuselage Wing Accessories Connector
3. Stall Detector Switch
4. Stall Warning Horn
5. Diode
6. Detector Switch Heater



Stall Warning Indicator
P-4 thru P-162 except P-152, P-155,
P-156 and P-158 prior to compliance
with S.I. 0430-355 or S.I. 0431-355

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27-32-01
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BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

27-32-02
STALL WARNING
P-152,P-155,P-156,P-158,P-163 AND AFTER
AND AIRCRAFT MODIFIED IN COMPLIANCE WITH
S.I.0430-355 OR S.I.0431-355

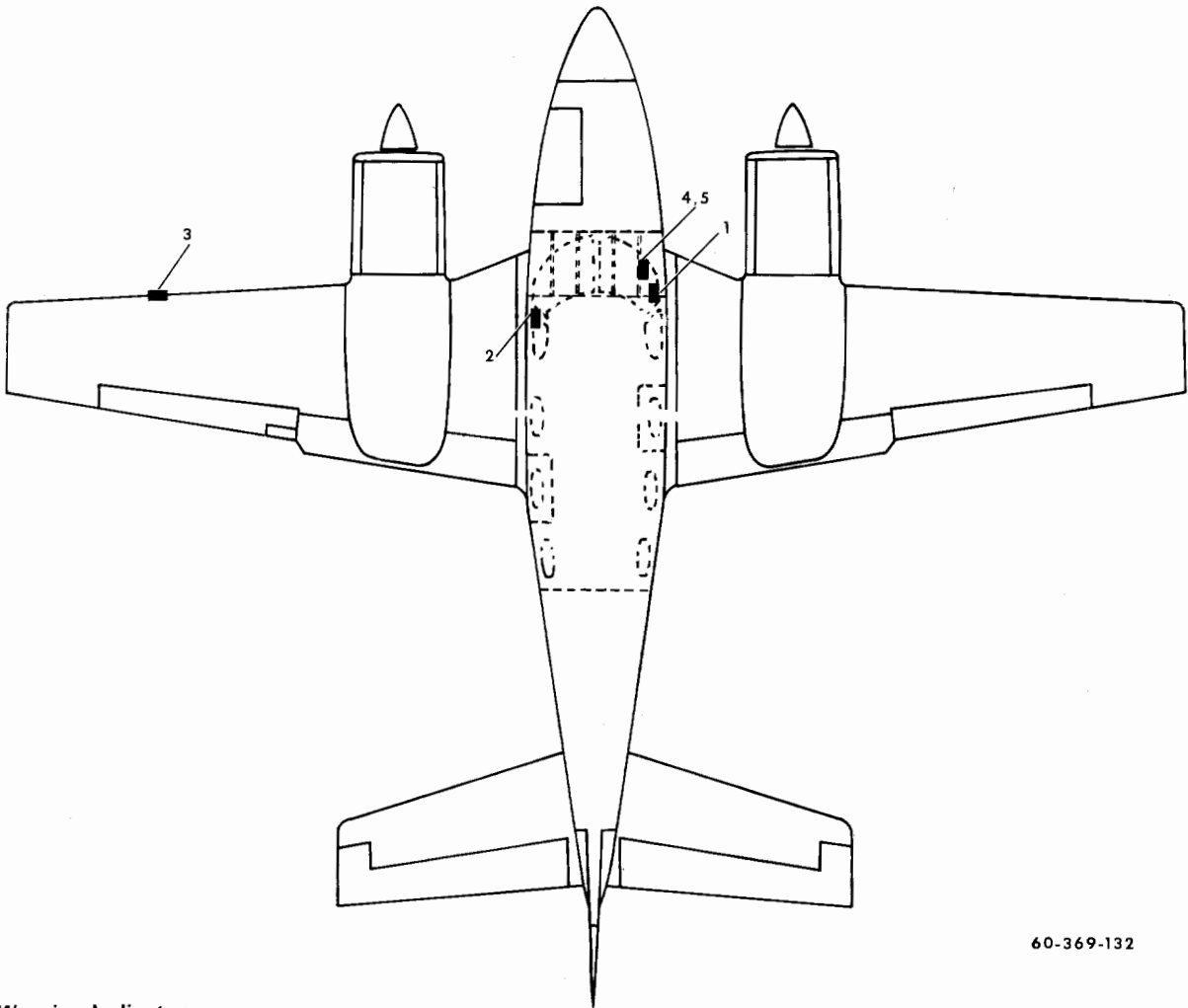
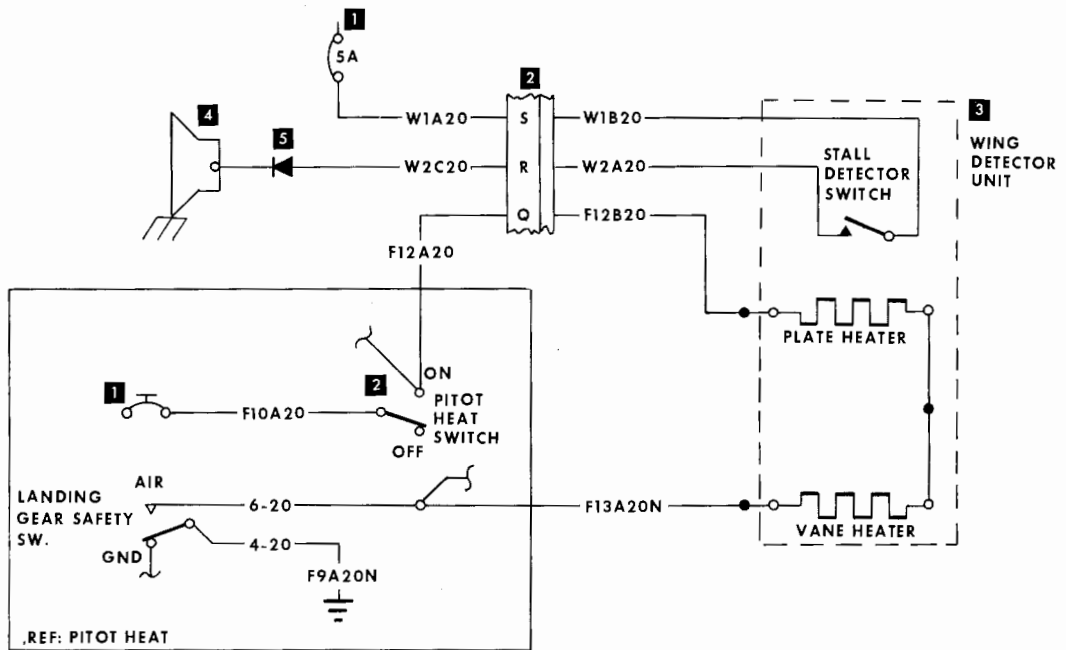
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
			1	2	3	4	5	6	7		
32-02 - 1	MS26574-5	CIRCUIT BREAKER,STALL WARNING								1	1
- 2	PT07E22-41S	CONNECTOR,FUSELAGE LH WING ACCESSORIES.								1	1
	PT06A22-41P	CONNECTOR,FUSELAGE LH WING ACCESSORIES.								1	1
	AN960-2616L	WASHER,CONNECTOR.								1	1
- 3	190-1	SWITCH,STALL DETECTOR /WITH DEICER/								1	1
	190-2	SWITCH,STALL DETECTOR /WITHOUT DEICER/.								1	1
	151-101-3	DOUBLER,STALL DETECTOR SWITCH								1	1
- 4	169-380021-11	HORN,STALL WARNING.								1	1
- 5	1N4005	DIODE								1	1
- 6	04407-2	HEATER,DETECTOR SWITCH.								NP	1

CODES OF EFFECTIVITY

1 P-152,P-155,P-156,
P-158,P-163 AND
AFTER AND AIRCRAFT
MODIFIED IN
COMPLIANCE WITH S.I.
0430-355 OR S.I.
0431-355

BEECHCRAFT DUKE 60 SERIES WIRING DIAGRAM MANUAL



60-369-132

Stall Warning Indicator
P-152, P-155, P-156, P-158, P-163 and
after and aircraft in compliance
with S.I. 0430-355 or S.I. 0431-355

27-32-02
Page 3
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B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

27-50-01
WING FLAPS
P-4 THRU P-246

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

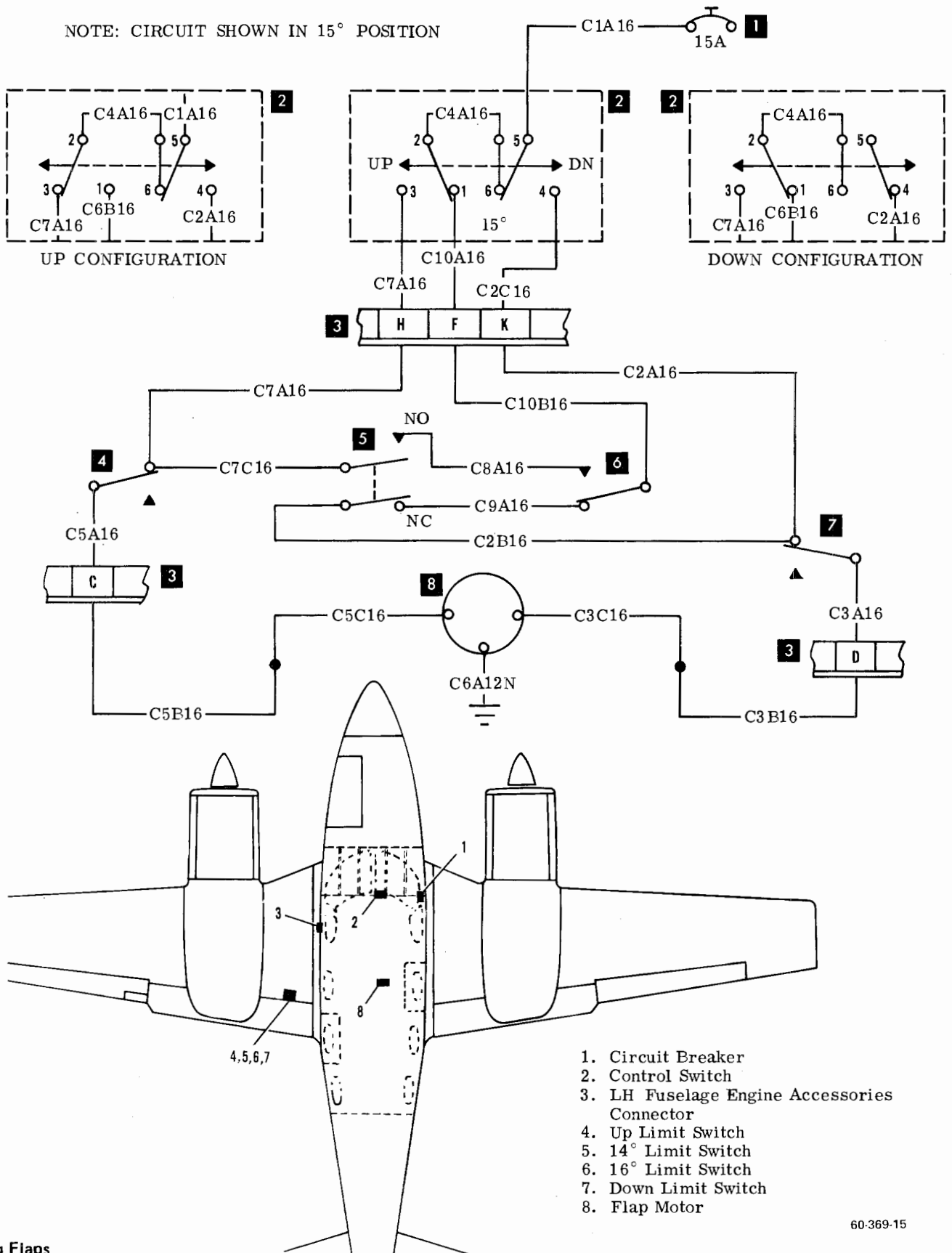
ATA CODE & INDEX NO.	PART NO.	DESCRIPTION							UNITS PER ASSY	USABLE ON CODE
		1	2	3	4	5	6	7		
50-01 - 1	MS24510-15	CIRCUIT BREAKER,WING FLAP							1	3
- 2	8906K1445	SWITCH,FLAP CONTROL							1	3
	118664	LEVER,WING FLAP CONTROL SWITCH.							1	3
	AN565D8H2	SCREW,WING FLAP CONTROL SWITCH LEVER.							1	3
- 3	PT07E22-21S	CONNECTOR,FUSELAGE LH ENGINE ACCESSORIES.							1	3
	PT06A22-21P	CONNECTOR,FUSELAGE LH ENGINE ACCESSORIES.							1	3
	AN960-2616L	WASHER,CONNECTOR.							1	3
- 4	MS25026-1	SWITCH,FLAP UP LIMIT.							1	3
- 5	BZ3AT	SWITCH,FLAP 14 DEGREE LIMIT							1	3
- 6	MS25026-1	SWITCH,FLAP 16 DEGREE LIMIT							1	3
- 7	MS25026-1	SWITCH,FLAP DOWN LIMIT.							1	3
	AN3169-1	ACTUATOR,FLAP LIMIT SWITCH.							4	3
- 8	35-364151-57	MOTOR ASSY,FLAP							1	1
	35-364151-59	MOTOR ASSY,FLAP							1	2

CODES OF EFFECTIVITY

1 P-4 THRU P-181 2 P-182 THRU P-246
3 P-4 THRU P-246

BEECHCRAFT DUKE 60 SERIES WIRING DIAGRAM MANUAL

NOTE: CIRCUIT SHOWN IN 15° POSITION



1. Circuit Breaker
2. Control Switch
3. LH Fuselage Engine Accessories Connector
4. Up Limit Switch
5. 14° Limit Switch
6. 16° Limit Switch
7. Down Limit Switch
8. Flap Motor

60-369-15

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

27-50-02
WING FLAPS
P-247 AND AFTER

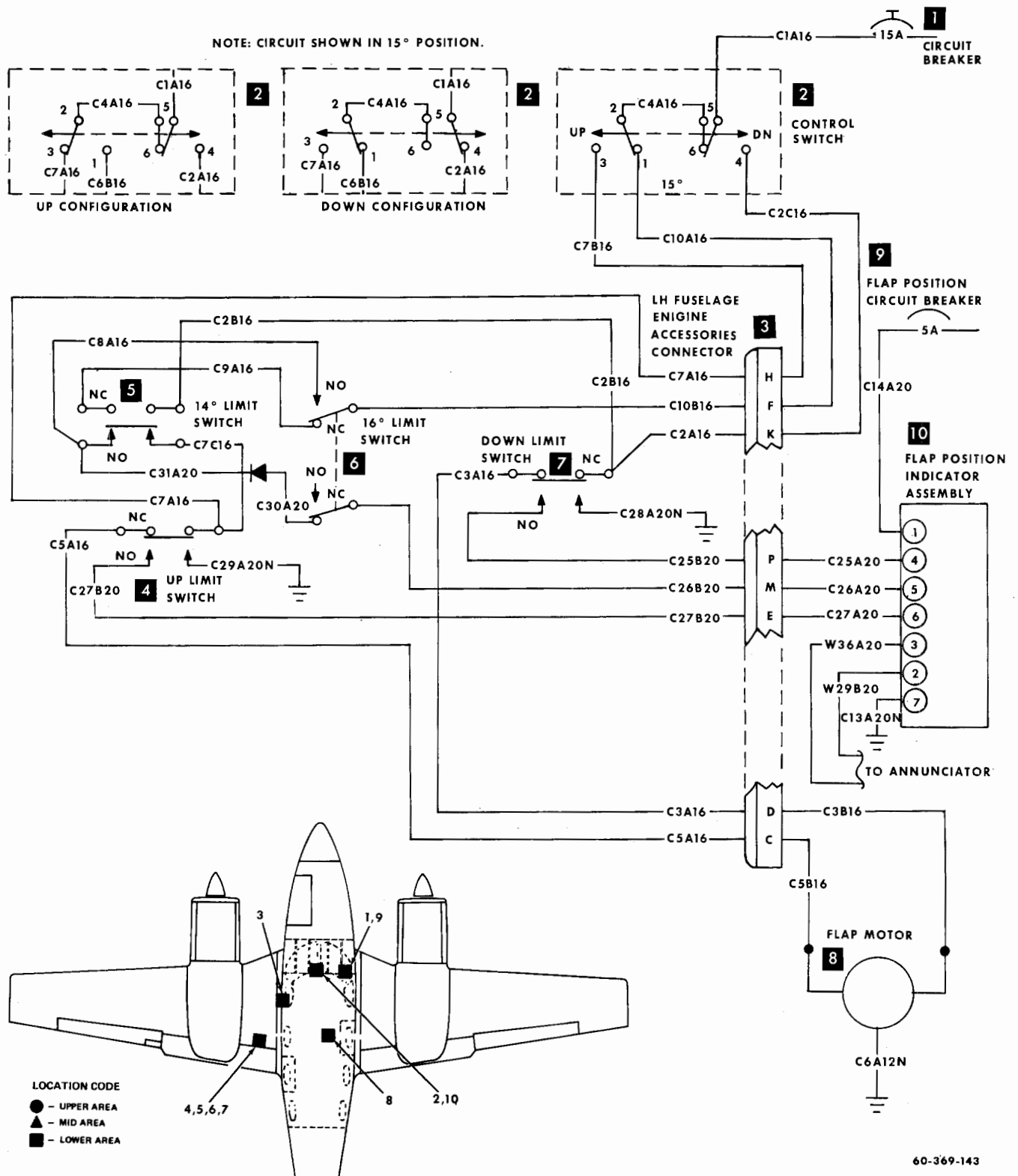
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS							USABLE ON CODE	
			1	2	3	4	5	6	7		PER ASSY
50-02 - 1	MS24510-15	CIRCUIT BREAKER,FLAP.								1	1
- 2	8906K1445	SWITCH,FLAP CONTROL								1	1
	118664	LEVER,WING FLAP CONTROL SWITCH.								1	1
	AN56508H2	SCREW,WING FLAP CONTROL SWITCH LEVER.								1	1
- 3	PT07E22-21S	CONNECTOR,FUSELAGE LH ENGINE ACCESSORIES.								1	1
	PT06A22-21P	CONNECTOR,FUSELAGE LH ENGINE ACCESSORIES.								1	1
	AN960-2616L	WASHER,CONNECTOR.								1	1
- 4	BZ3AT	SWITCH,FLAP UP LIMIT.								1	1
- 5	BZ3AT	SWITCH,FLAP 14 DEGREE LIMIT								1	1
- 6	MS25026-1	SWITCH,FLAP 16 DEGREE LIMIT								2	1
- 7	BZ3AT	SWITCH,FLAP DOWN LIMIT.								1	1
	AN3169-1	ACTUATOR,FLAP LIMIT SWITCH.								4	1
- 8	35-364151-59	MOTOR ASSY,FLAP								1	1
- 9	MS26574-5	CIRCUIT BREAKER,FLAP POSITION INDICATOR								1	1
- 10	60-324161-1	PRINTED CIRCUIT BOARD ASSY,FLAP POSITION INDC..								1	1
- 11	RC20GF102K	. RESISTOR.								3	1
- 12	RC20GF392K	. RESISTOR.								1	1
- 13	RC20GF223J	. RESISTOR.								2	1
- 14	RC20GF153K	. RESISTOR.								1	1
- 15	1N4005	. DIODE								5	1
- 16	1N5825	. DIODE								1	1
- 17	101RL-Q8-F859	. LAMP ASSY /RED/								1	1
- 18	101BL-Q8-F859	. LAMP ASSY /BLUE/.								1	1
- 19	101AL-Q8-F859	. LAMP ASSY /AMBER/								1	1
- 20	60-324162-1	. PRINTED CIRCUIT BOARD								1	1
- 21	205CB	. HEAT SINK								1	1
- 22	2000B	. TERMINAL.								7	1
- 23	AN256-6	. NUTPLATE.								2	1
- 24	2N2102	. TRANSISTOR.								3	1

CODES OF EFFECTIVITY

I P-247 AND AFTER

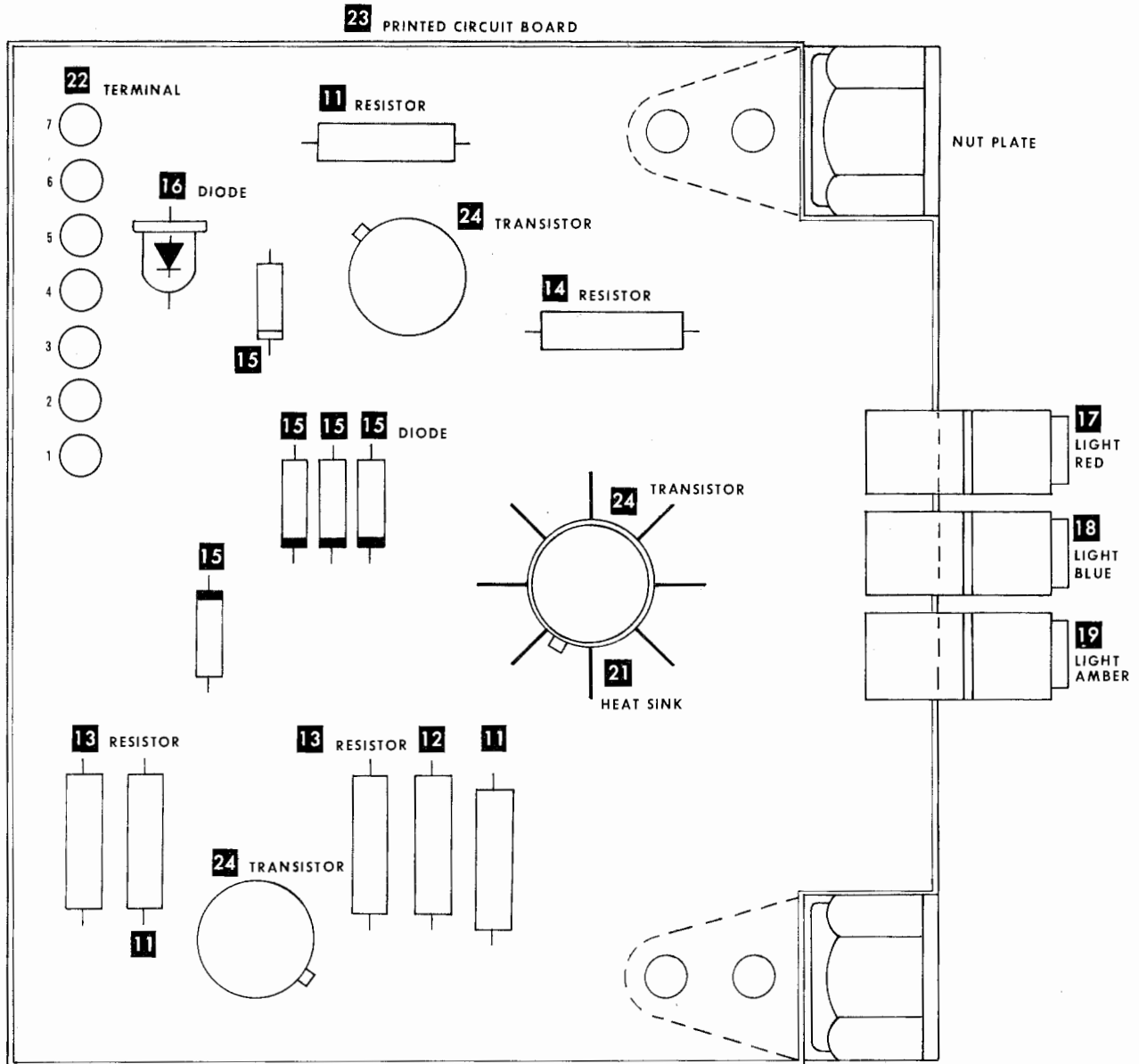
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DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



60-369-143

**Wing Flaps
P-247 and after**

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60-369-145

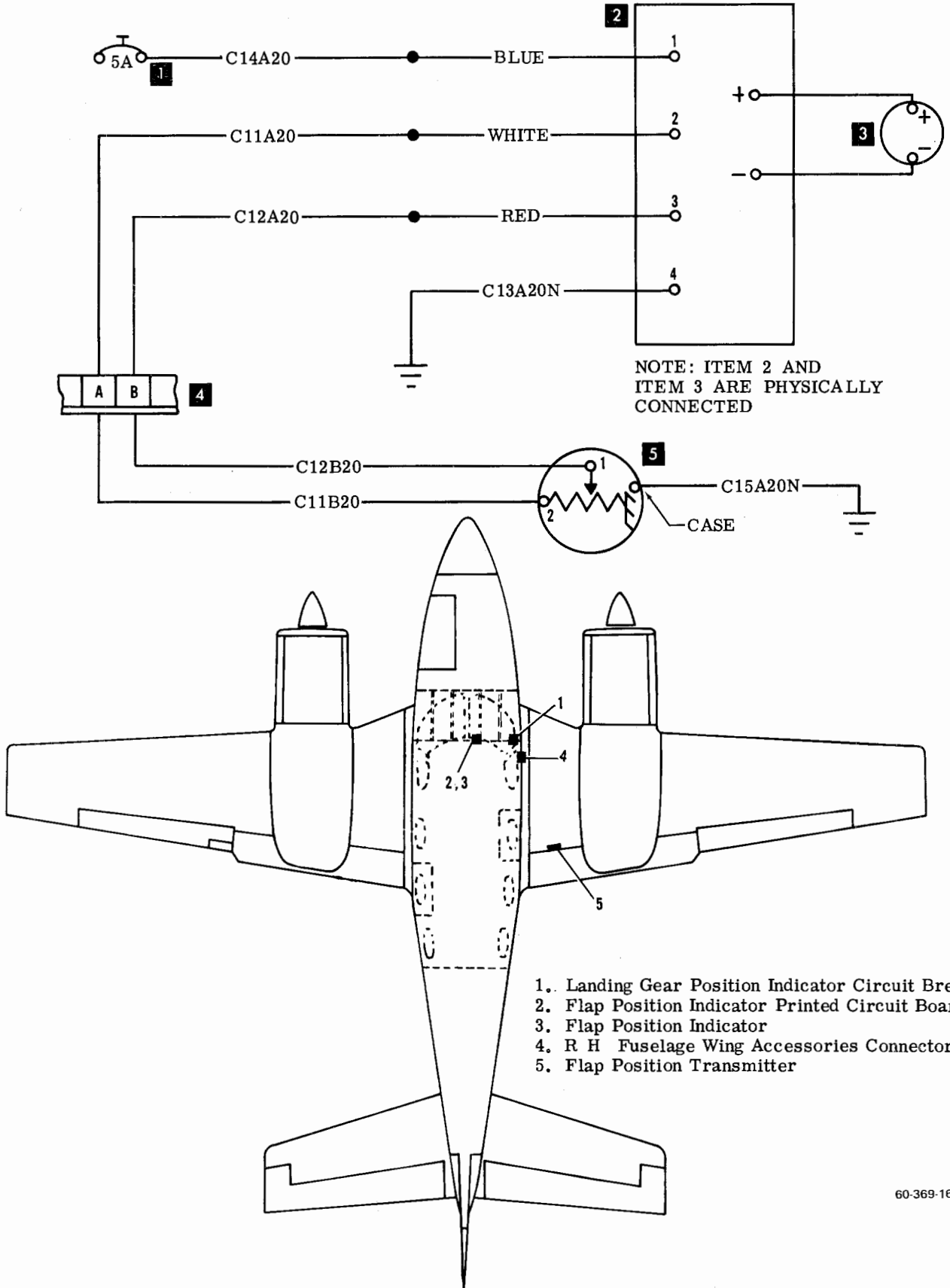
BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

27-51-01
WING FLAP POSITION INDICATOR

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	1 2 3 4 5 6 7	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
51-01 - 1	MS26574-5		CIRCUIT BREAKER,FLAP POSITION INDICATOR	1	
- 2	60-324079		PC BOARD ASSY,FLAP POSITION INDICATOR	1	
- 3	60-384022		INDICATOR,FLAP POSITION	1	
- 4	PT07E16-22S		CONNECTOR,FUSELAGE RH WING ACCESSORIES.	1	
	PT06A16-22P		CONNECTOR,FUSELAGE RH WING ACCESSORIES.	1	
	AN960-1616L		WASHER,CONNECTOR.	1	
- 5	60-369033-5		TRANSMITTER,FLAP POSITION	1	

**BEECHCRAFT
DUKE 60 SERIES
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Wing Flap Position Indicator

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

**LIST OF PAGES
FOR
CHAPTER 28-00-00 FUEL**

SYS/SUB-SYS/ CHAP SECTION	PAGE NO.	DATE	SYS/SUB-SYS/ CHAP SECTION	PAGE NO.	DATE	SYS/SUB-SYS/ CHAP SECTION	PAGE NO.	DATE
28-00-00	1	11/02/73	28-20-01	1	11/02/73	28-40-01	3	11/02/73
28-00-00	2	11/02/73	28-20-01	2	11/02/73	28-40-02	1	11/02/73
28-10-01	1	11/02/73	28-20-01	3	11/02/73	28-40-02	2	11/02/73
28-10-01	2	11/02/73	28-40-01	1	11/02/73	28-40-02	3	11/02/73
28-10-01	3	11/02/73	28-40-01	2	11/02/73			

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

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P-155, P-158, P-163 thru P-166 P-175 and after	28-40-02	1 thru 3

“END”

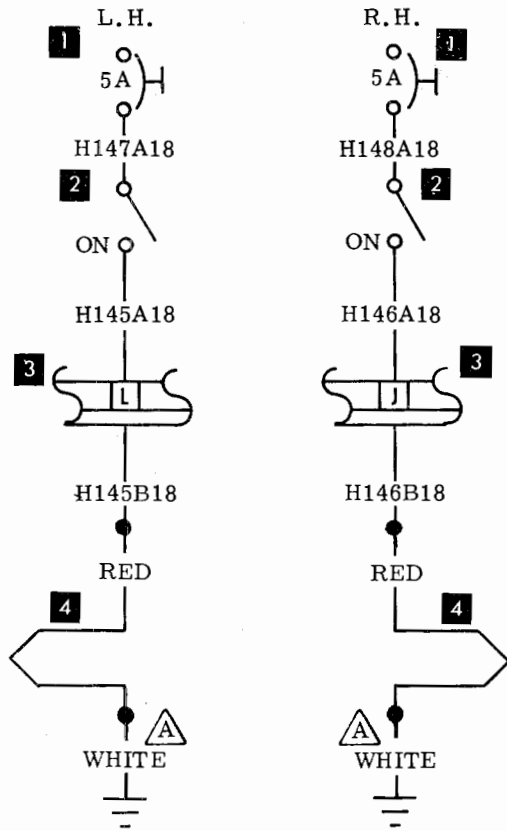
BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

28-10-01
FUEL VENT HEATER

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

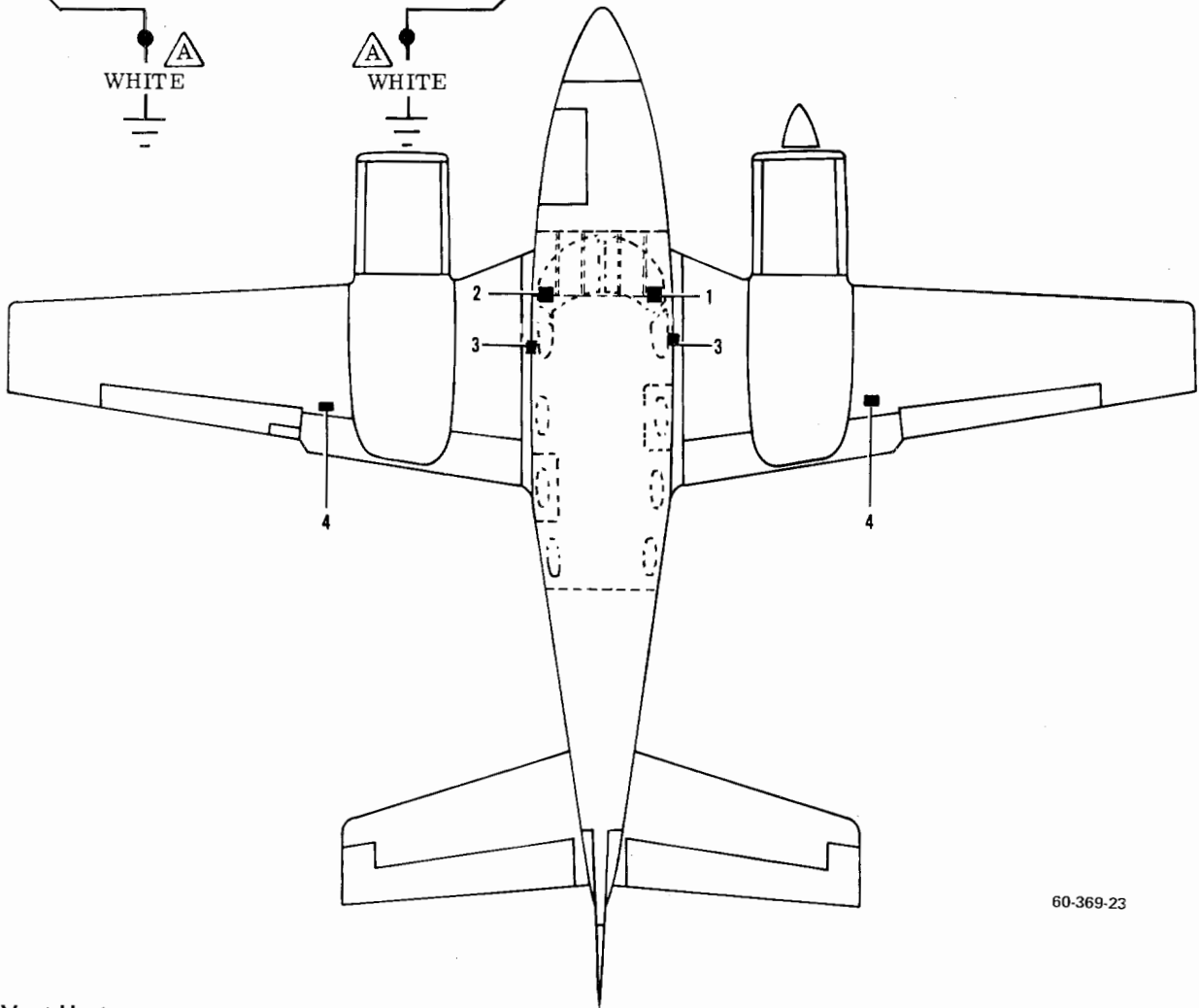
ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
10-01 - 1	MS26574-5	CIRCUIT BREAKER, FUEL VENT HEATER.								2	
- 2	35-380053-654	SWITCH ASSY, FUEL VENT HEATER.								2	
- 3	PT07E22-21S	CONNECTOR, FUSELAGE LH & RH ENGINE ACCESSORIES								2	
	PT06A22-21P	CONNECTOR, FUSELAGE LH & RH ENGINE ACCESSORIES								2	
	AN960-2616L	WASHER, LH CONNECTOR								1	
	AN960-1616L	WASHER, RH CONNECTOR								1	
- 4	60-381001	HEATER, FUEL VENT.								2	
	112149-11	GROMMET, FUEL VENT HEATER.								2	
	NAS670-75	RING, FUEL VENT HEATER RETAINER.								2	

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



- 1. Circuit Breaker
- 2. Switch
- 3. Fuselage Engine Accessories Connector
- 4. Fuel Vent Heater

A ON SERIALS P1 THRU P-126 EXCEPT P-123; GROUND THE LEAD THAT IS COMMON TO THE HEATED VENT TUBE



60-369-23

Fuel Vent Heater

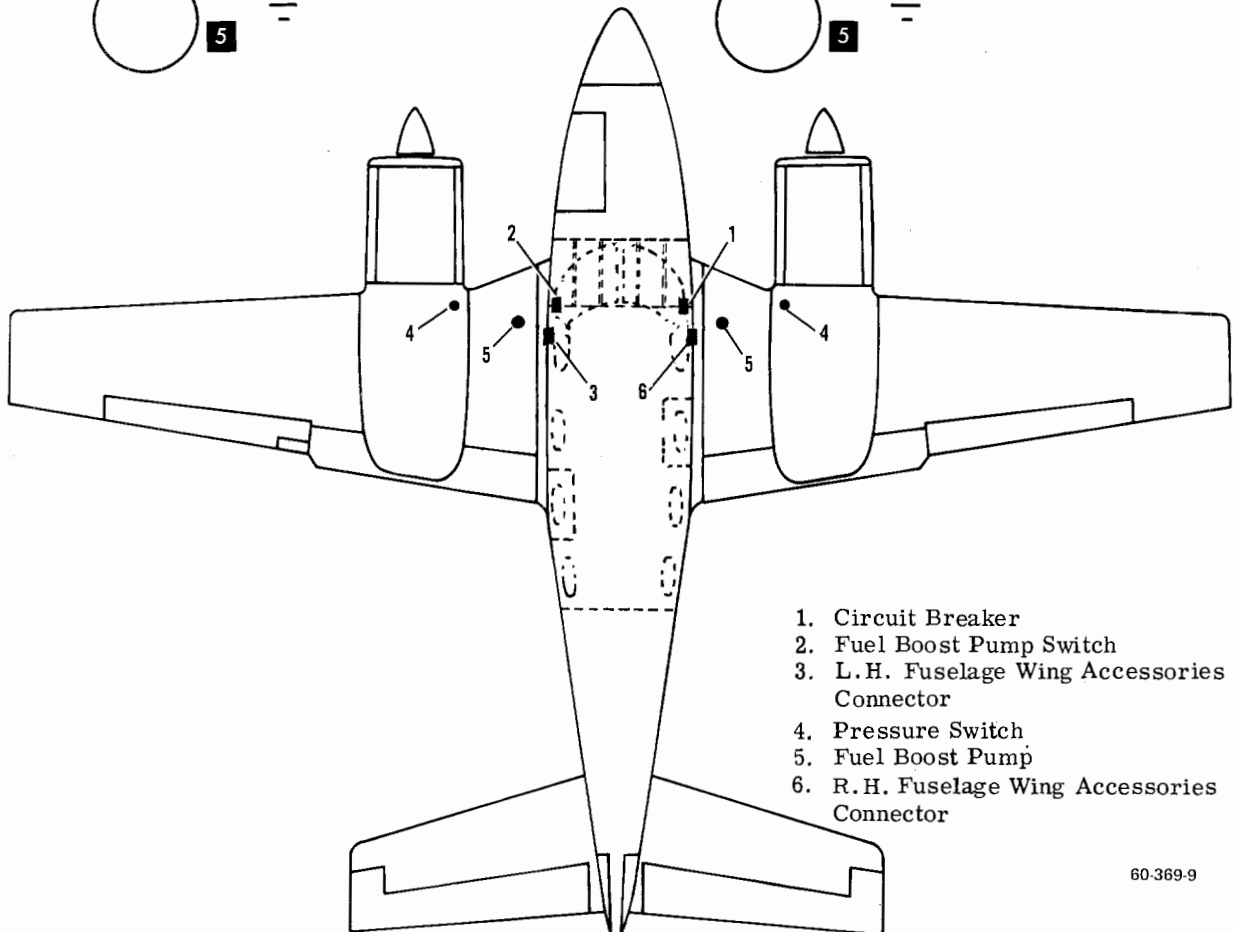
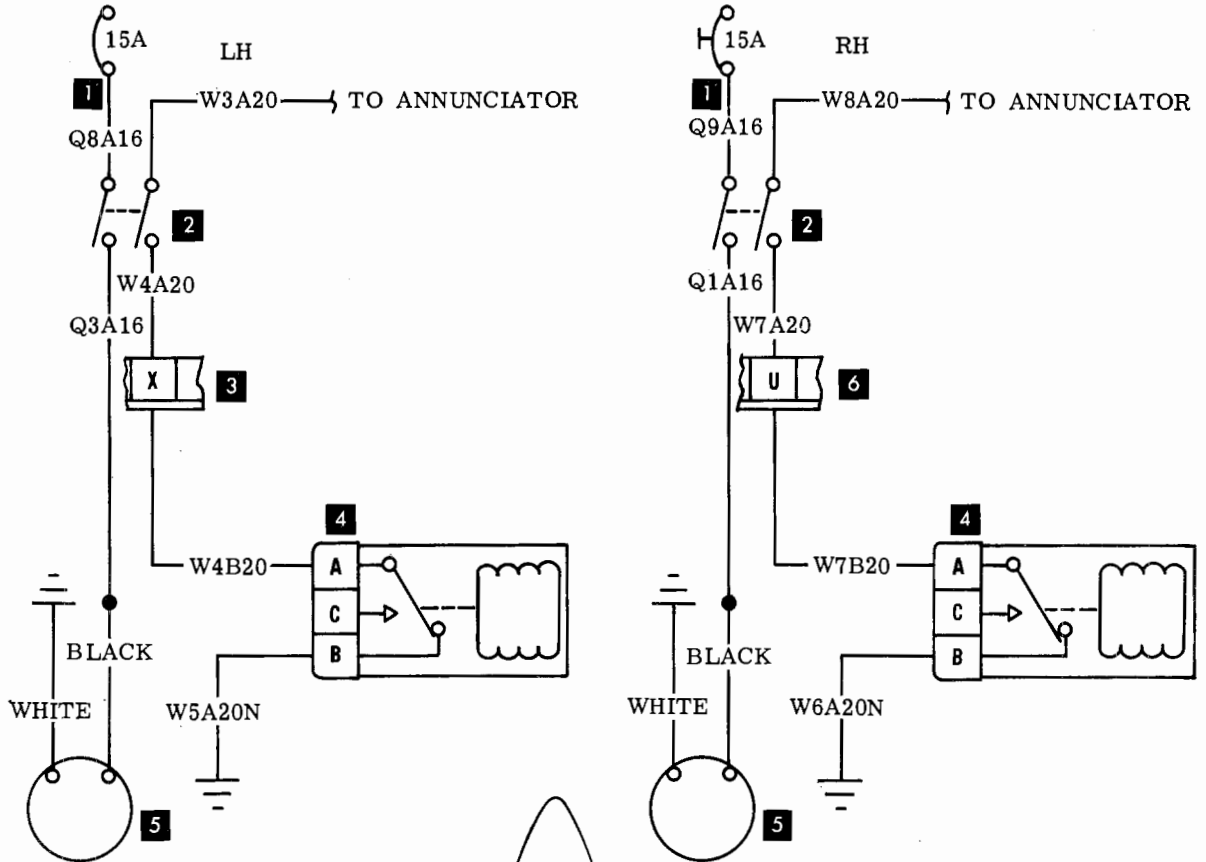
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

28-20-01
FUEL BOOST PUMPS

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE	
			1	2	3	4	5	6	7			
20-01 - 1	7274-2-15	CIRCUIT BREAKER, FUEL BOOST PUMP									2	
- 2	35-380053-652	SWITCH ASSY, FUEL BOOST PUMP									2	
- 3	PT07E22-41S	CONNECTOR, FUSELAGE LH WING ACCESSORIES.									1	
	PT06A22-41P	CONNECTOR, FUSELAGE LH WING ACCESSORIES.									1	
	AN960-2616L	WASHER, CONNECTOR.									1	
- 4	60-389012-1	SWITCH, FUEL BOOST PUMP PRESSURE									2	
- 5	60-389010-11	PUMP, FUEL BOOST /SUPERSEDES 60-389010-1, -7, -9/.									2	
- 6	PT07E22-21S	CONNECTOR, FUSELAGE RH ENGINE ACCESSORIES.									1	
	PT06A22-21P	CONNECTOR, FUSELAGE RH ENGINE ACCESSORIES.									1	
	AN960-1616L	WASHER, CONNECTOR.									1	

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



1. Circuit Breaker
2. Fuel Boost Pump Switch
3. L.H. Fuselage Wing Accessories Connector
4. Pressure Switch
5. Fuel Boost Pump
6. R.H. Fuselage Wing Accessories Connector

60-369-9

Fuel Boost Pumps

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

28-40-01
FUEL QUANTITY
P-4 THRU P-174 EXCEPT P-155,P-158,P-163
THRU P-166

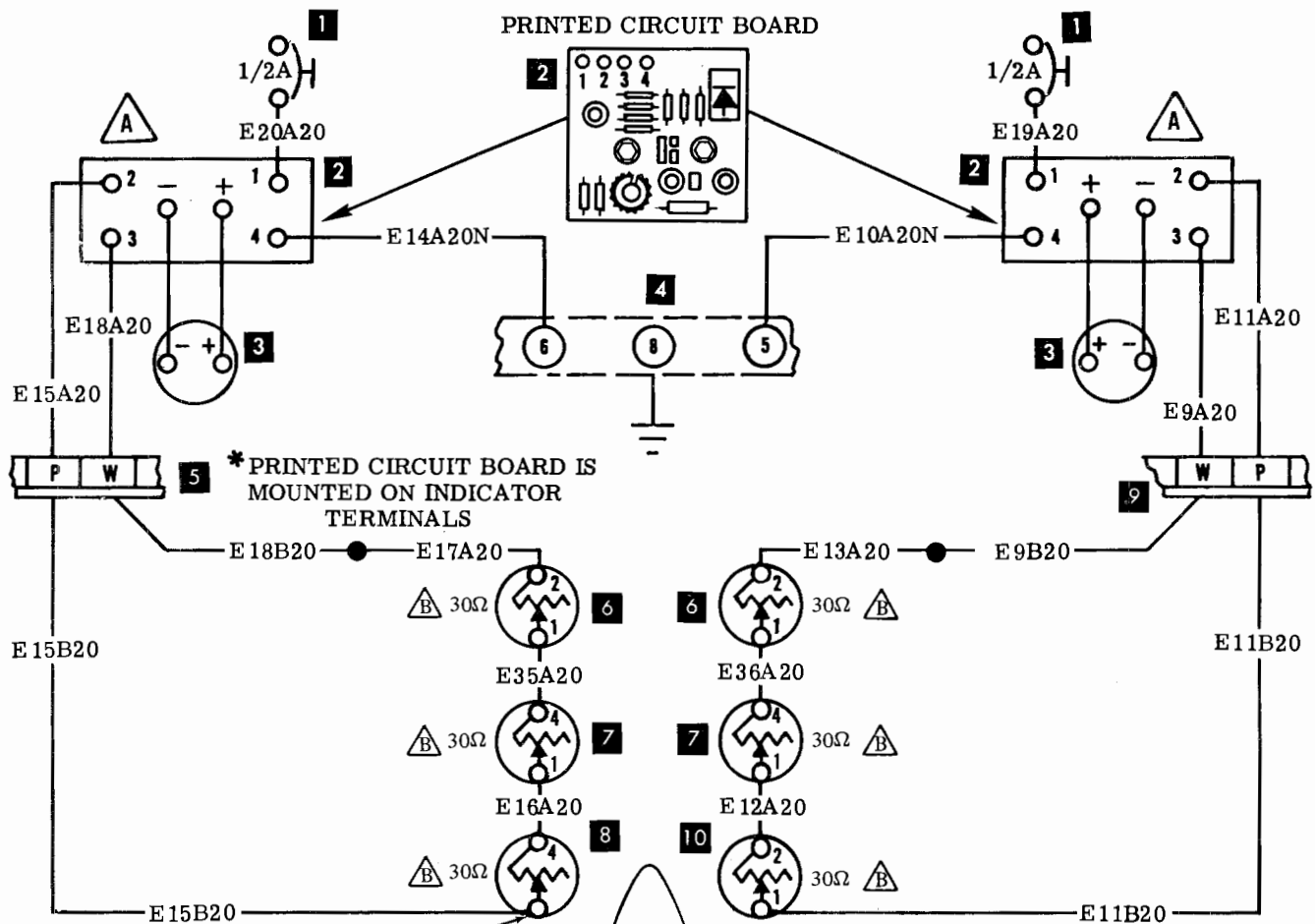
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION							UNITS PER ASSY	USABLE ON CODE
		1	2	3	4	5	6	7		
40-01 - 1	7274-2-1/2	CIRCUIT BREAKER,FUEL QUANTITY							2	1
- 2	60-324090	PC BOARD ASSY,FUEL QUANTITY INDICATOR							2	1
- 3	60-384034-1	INDICATOR,FUEL QUANTITY							2	1
- 4	MS27212-1-8	TERMINAL BOARD,SUBPANEL LH.							1	1
	114675A1-8	STRIP,TERMINAL IDENTIFICATION							1	1
- 5	PT07E22-41S	CONNECTOR,FUSELAGE LH WING ACCESSORIES.							1	1
	PT06A22-41P	CONNECTOR,FUSELAGE LH WING ACCESSORIES.							1	1
	AN960-2616L	WASHER,CONNECTOR.							1	1
- 6	60-921040-11	TRANSMITTER,INBD LEADING EDGE FUEL CELL							2	1
- 7	60-921039-7	TRANSMITTER,OUTBD LEADING EDGE FUEL CELL.							2	1
- 8	60-921016-27	TRANSMITTER,LH NACELLE FUEL CELL.							1	1
- 9	PT07E16-22S	CONNECTOR,FUSELAGE RH WING ACCESSORIES.							1	1
	PT06A16-22P	CONNECTOR,FUSELAGE RH WING ACCESSORIES.							1	1
	AN960-1616L	WASHER,CONNECTOR.							1	1
- 10	60-921016-25	TRANSMITTER,RH NACELLE FUEL CELL.							1	1

CODES OF EFFECTIVITY

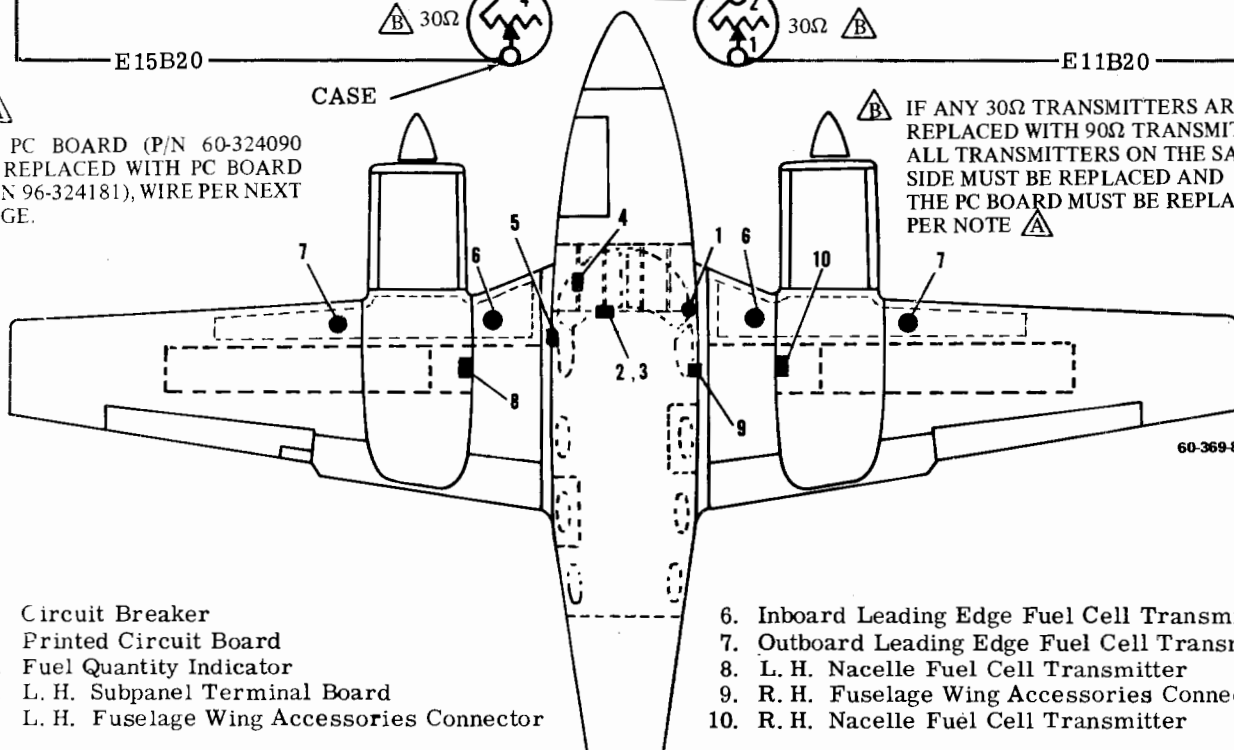
1 P-4 THRU P-174
EXCEPT P-155,P-158,
P-163 THRU P-166

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



⚠ IF PC BOARD (P/N 60-324090 IS REPLACED WITH PC BOARD (P/N 96-324181), WIRE PER NEXT PAGE.

⚠ IF ANY 30Ω TRANSMITTERS ARE REPLACED WITH 90Ω TRANSMITTERS ALL TRANSMITTERS ON THE SAME SIDE MUST BE REPLACED AND THE PC BOARD MUST BE REPLACED PER NOTE ⚠



1. Circuit Breaker
2. Printed Circuit Board
3. Fuel Quantity Indicator
4. L. H. Subpanel Terminal Board
5. L. H. Fuselage Wing Accessories Connector

6. Inboard Leading Edge Fuel Cell Transmitter
7. Outboard Leading Edge Fuel Cell Transmitter
8. L. H. Nacelle Fuel Cell Transmitter
9. R. H. Fuselage Wing Accessories Connector
10. R. H. Nacelle Fuel Cell Transmitter

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

28-40-02
FUEL QUANTITY
P-155, P-158, P-163 THRU P-166, P-175 AND AFTER

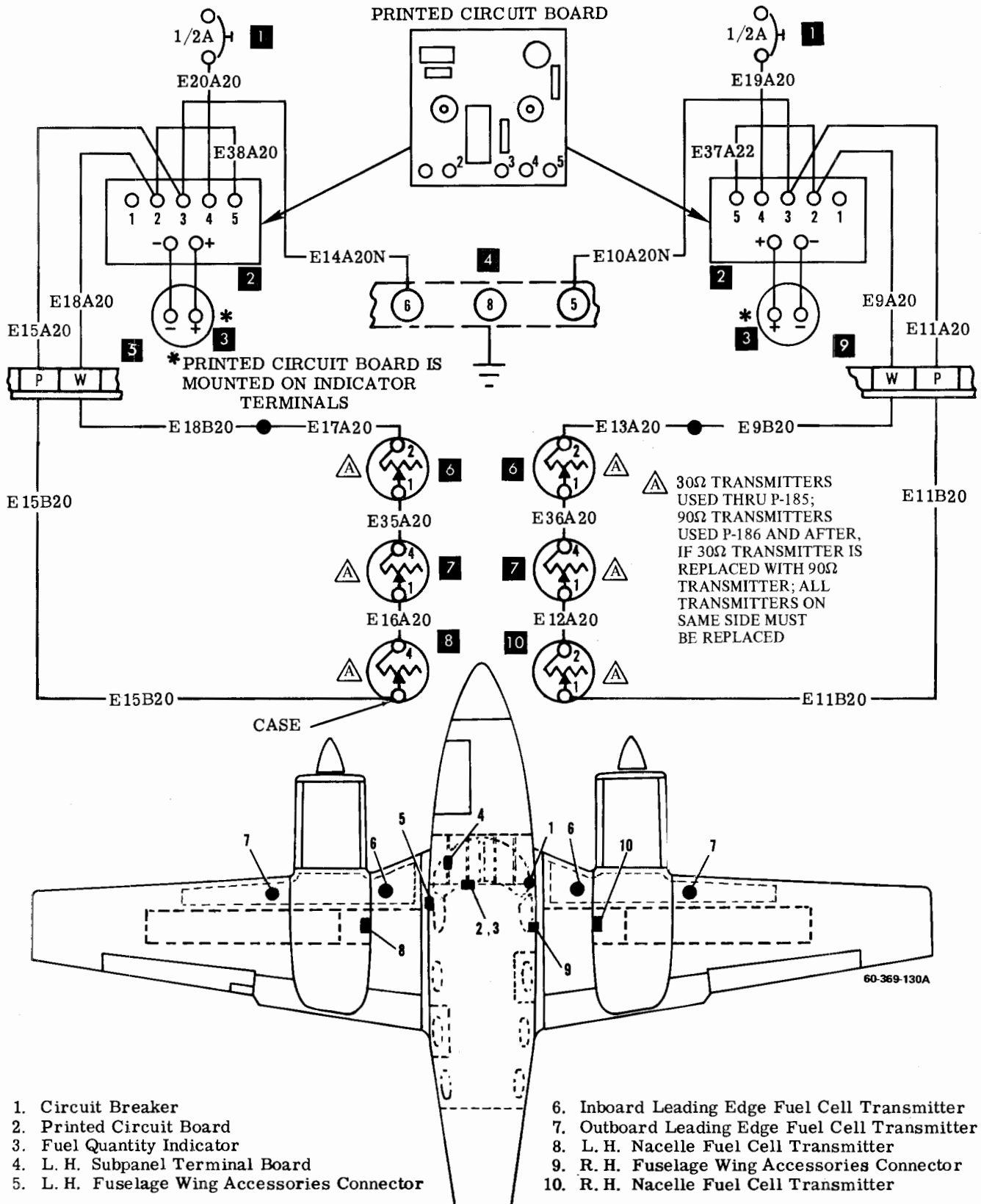
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION							UNITS PER ASSY	USABLE ON CODE
		1	2	3	4	5	6	7		
40-02 - 1	7274-2-1/2	CIRCUIT BREAKER,FUEL QUANTITY							2	1
- 2	96-324181	PC BOARD ASSY,FUEL QUANTITY INDICATOR							2	1
- 3	60-384034-5	INDICATOR,FUEL QUANTITY							2	1
- 4	MS27212-1-8	TERMINAL BOARD,SUBPANEL LH.							1	1
	114675A1-8	STRIP,TERMINAL IDENTIFICATION							1	1
- 5	PT07E22-41S	CONNECTOR,FUSELAGE LH WING ACCESSORIES.							1	1
	PT06A22-41P	CONNECTOR,FUSELAGE LH WING ACCESSORIES.							1	1
	AN960-2616L	WASHER,CONNECTOR.							1	1
- 6	58-380000-1	TRANSMITTER,INBD LEADING EDGE FUEL CELL							2	1
- 7	58-380000-5	TRANSMITTER,LH OUTBD LEADING EDGE FUEL CELL							1	1
	58-380000-7	TRANSMITTER,RH OUTBD LEADING EDGE FUEL CELL							1	1
- 8	60-389031-9	TRANSMITTER,LH NACELLE FUEL CELL.							1	1
- 9	PT07E16-22S	CONNECTOR,FUSELAGE RH WING ACCESSORIES.							1	1
	PT06A16-22P	CONNECTOR,FUSELAGE RH WING ACCESSORIES.							1	1
	AN960-1616L	WASHER,CONNECTOR.							1	1
- 10	60-389031-11	TRANSMITTER,RH NACELLE FUEL CELL.							1	1

CODES OF EFFECTIVITY

1 P-155,P-158,
P-163 THRU P-166,
P-175 AND AFTER

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

LIST OF PAGES
FOR
CHAPTER 30-00-00 ICE AND RAIN PROTECTION

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30-00-00	2	11/02/73	30-30-03	1	11/02/73	30-41-01	2	11/02/73
30-10-01	1	11/02/73	30-30-03	2	11/02/73	30-41-01	3	11/02/73
30-10-01	2	11/02/73	30-30-03	3	11/02/73	30-41-02	1	11/02/73
30-10-01	3	11/02/73	30-40-01	1	11/02/73	30-41-02	2	11/02/73
30-30-01	1	11/02/73	30-40-01	2	11/02/73	30-41-02	3	11/02/73
30-30-01	2	11/02/73	30-40-01	3	11/02/73	30-60-01	1	11/02/73
30-30-01	3	11/02/73	30-40-02	1	11/02/73	30-60-01	2	11/02/73
30-30-02	1	11/02/73	30-40-02	2	11/02/73	30-60-01	3	11/02/73
30-30-02	2	11/02/73	30-40-02	3	11/02/73			

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

**CHAPTER 30
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Surface Deicer	30-10-01	1 thru 3
Pitot and Static	30-30	
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Standard P-153 and after	30-30-02	1 thru 3
Optional P-153 and after	30-30-03	1 thru 3
Windows and Windshields	30-40	
Windshield Deicer (Pilot's) P-4 thru P-126 except P-123	30-40-01	1 thru 3
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Windshield Deicer (Pilot and Copilot's) P-4 thru P-126 except P-123	30-41-01	1 thru 3
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Propellers/Rotors	30-60	
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"END"

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

30-10-01
SURFACE DEICER

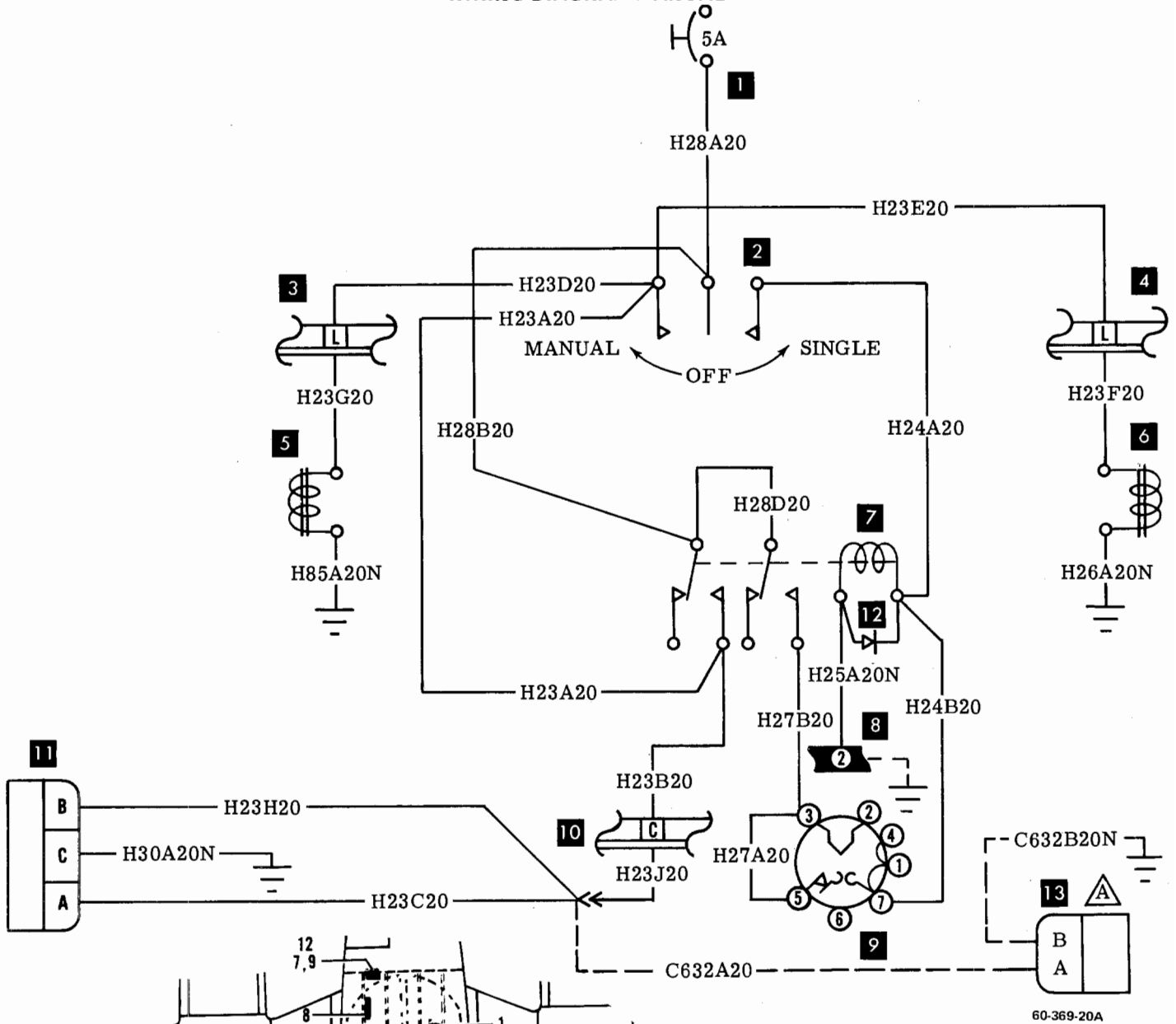
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION							UNITS PER ASSY	USABLE ON CODE
		1	2	3	4	5	6	7		
10-01 - 1	MS26574-5	CIRCUIT BREAKER,SURFACE DEICER.							1	
- 2	35-380053-657	SWITCH ASSY,SURFACE DEICER CONTROL.							1	
- 3	PT07E22-41S	CONNECTOR,FUSELAGE LH WING ACCESSORIES.							1	
	PT06A22-41P	CONNECTOR,FUSELAGE LH WING ACCESSORIES.							1	
	AN960-2616L	WASHER,CONNECTOR.							1	
- 4	PT07E16-22S	CONNECTOR,FUSELAGE RH WING ACCESSORIES.							1	
	PT06A16-22P	CONNECTOR,FUSELAGE RH WING ACCESSORIES.							1	
	AN960-1616L	WASHER,CONNECTOR.							1	
- 5	1H22-1	VALVE,LH 2-STAGE PRESSURE RELIEF.							1	
- 6	1H22-1	VALVE,RH 2-STAGE PRESSURE RELIEF.							1	
- 7	50-380048-1	RELAY,SURFACE DEICER.							1	
- 8	MS27212-1-8	TERMINAL BOARD,SUBPANEL LH.							1	
	114675A1-8	STRIP,TERMINAL IDENTIFICATION							1	
- 9	GT4738	RELAY,TIME DELAY.							1	
- 10	PT07E14-5S	CONNECTOR,AFT PRESSURE BULKHEAD							1	
	PT06A14-5P	CONNECTOR,AFT PRESSURE BULKHEAD							1	
	AN960-1416L	WASHER,CONNECTOR.							1	
- 11	38E63-1A	VALVE,DISTRIBUTOR EJECTOR							1	
	MS3106A/B14S7S	CONNECTOR,DISTRIBUTOR EJECTOR VALVE							1	
- 12	1N4005	DIODE							1	
- 13	V14500	VALVE,H-14 AUTOPILOT REGULATOR BY PASS.							1	1

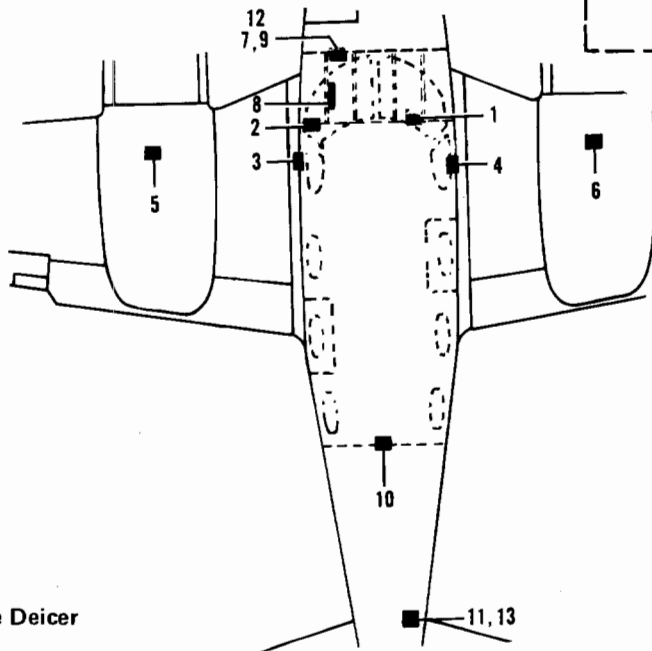
CODES OF EFFECTIVITY

1 P-160 AND AFTER

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



60-369-20A



1. Circuit Breaker
2. Control Switch
3. L.H. Fuselage Wing Accessories Connector
4. R.H. Fuselage Wing Accessories Connector
5. L.H. Two Stage Pressure Relief Valve
6. R.H. Two Stage Pressure Relief Valve
7. Deice Relay
8. L.H. Subpanel Terminal Board
9. Time Delay Relay
10. Aft Pressure Bulkhead Connector
11. Distributor Ejector Valve
12. Diode

△ P-160 and after

Surface Deicer

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

30-30-01
PITOT HEAT
P-4 THRU P-152

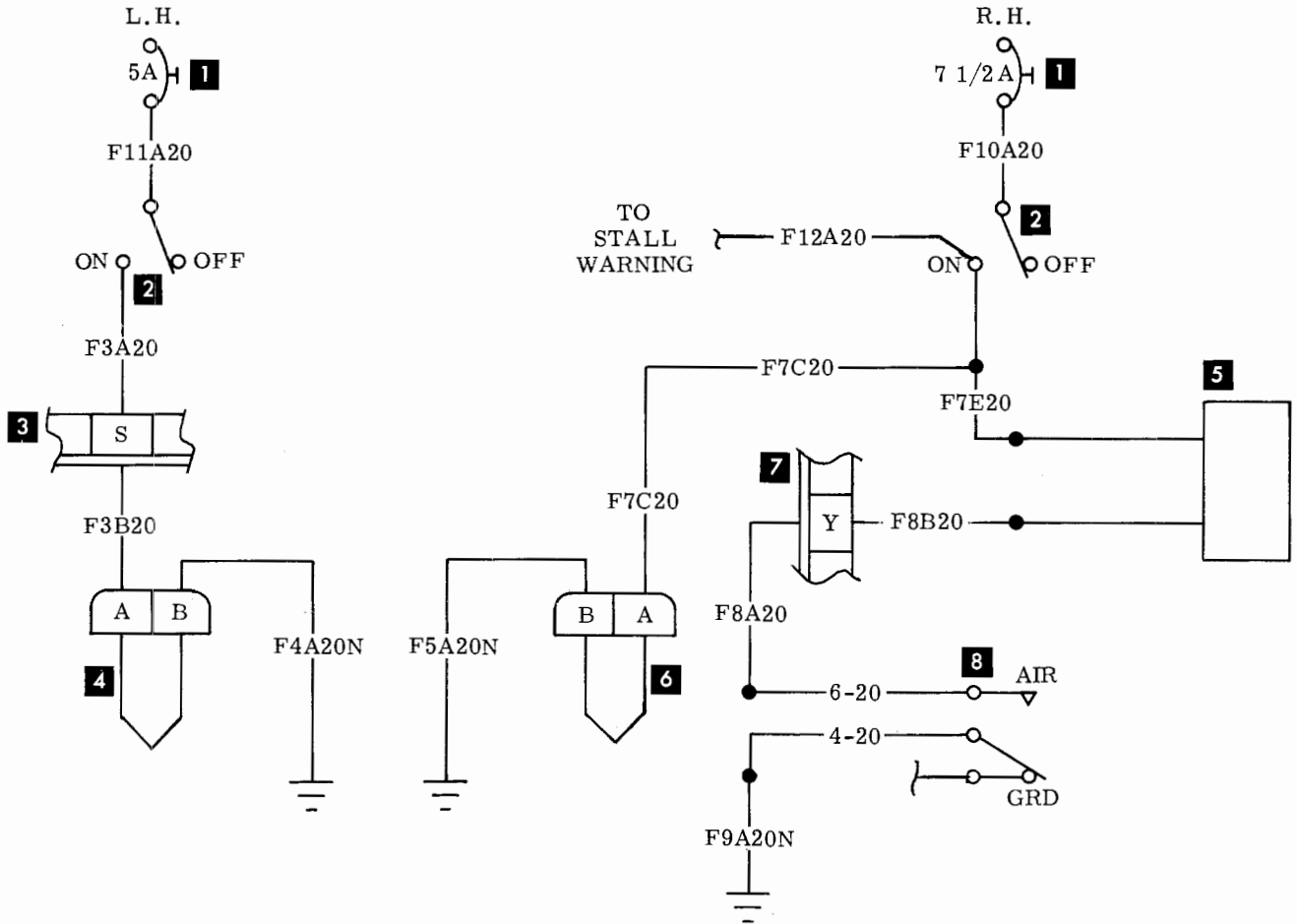
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
30-01 - 1	MS24510-5	CIRCUIT BREAKER,PITOT HEAT LH								1	1
	7271-8-7	CIRCUIT BREAKER,PITOT HEAT RH								1	1
- 2	35-380053-654	SWITCH ASSY,PITOT HEAT.								2	1
- 3	PT07E22-21S	CONNECTOR,FWD PRESSURE BULKHEAD								1	1
	PT06A22-21P	CONNECTOR,FWD PRESSURE BULKHEAD								1	1
- 4	60-324086-4	MAST ASSY,LH PITOT.								1	1
- 5	60-384017	BOOT,CABIN AIR INLET DEICER								1	1
- 6	60-384086-3	MAST ASSY,RH PITOT.								1	1
- 7	PT07E22-21S	CONNECTOR,FUSELAGE LH WING ACCESSORIES.								1	1
	PT06A22-21P	CONNECTOR,FUSELAGE LH WING ACCESSORIES.								1	1
	AN960-2616L	WASHER,CONNECTOR.								1	1
- 8	60-369000-17	SWITCH ASSY,LANDING GEAR SAFETY								1	1

CODES OF EFFECTIVITY

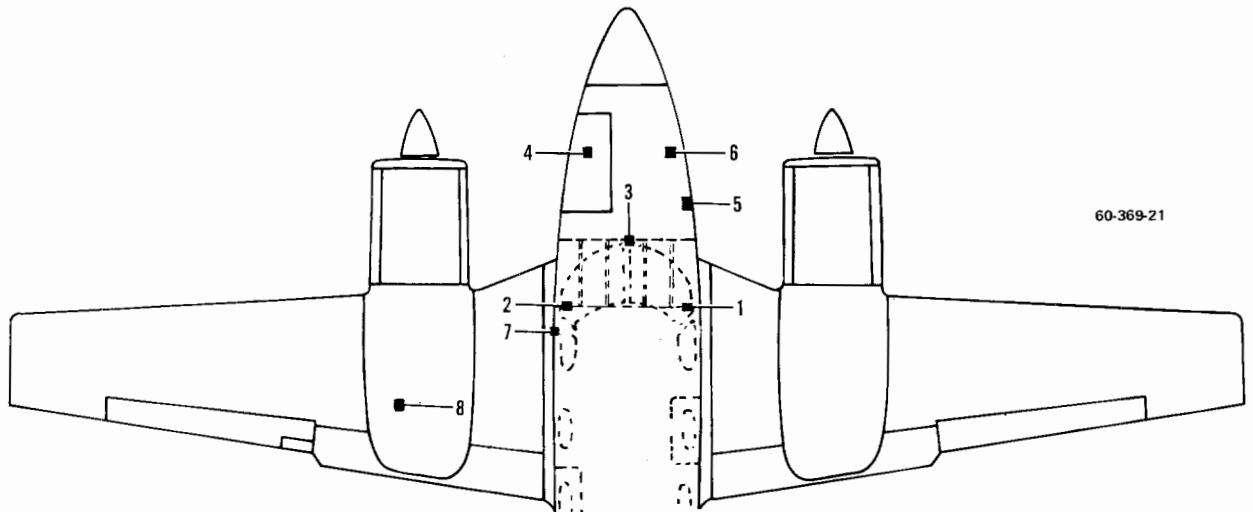
1 P-4 THRU P-152

BEECHCRAFT DUKE 60 SERIES WIRING DIAGRAM MANUAL



- 1. Circuit Breaker
- 2. Pitot Heat Switch
- 3. Forward Pressure Bulkhead Connector
- 4. L. H. Pitot

- 5. Cabin Air Inlet Duct Anti-Ice Boot
- 6. R. H. Pitot
- 7. L. H. Fuselage Wing Accessories Connector
- 8. Landing Gear Safety Switch



60-369-21

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

30-30-02
PITOT HEAT (STANDARD)
P-153 AND AFTER

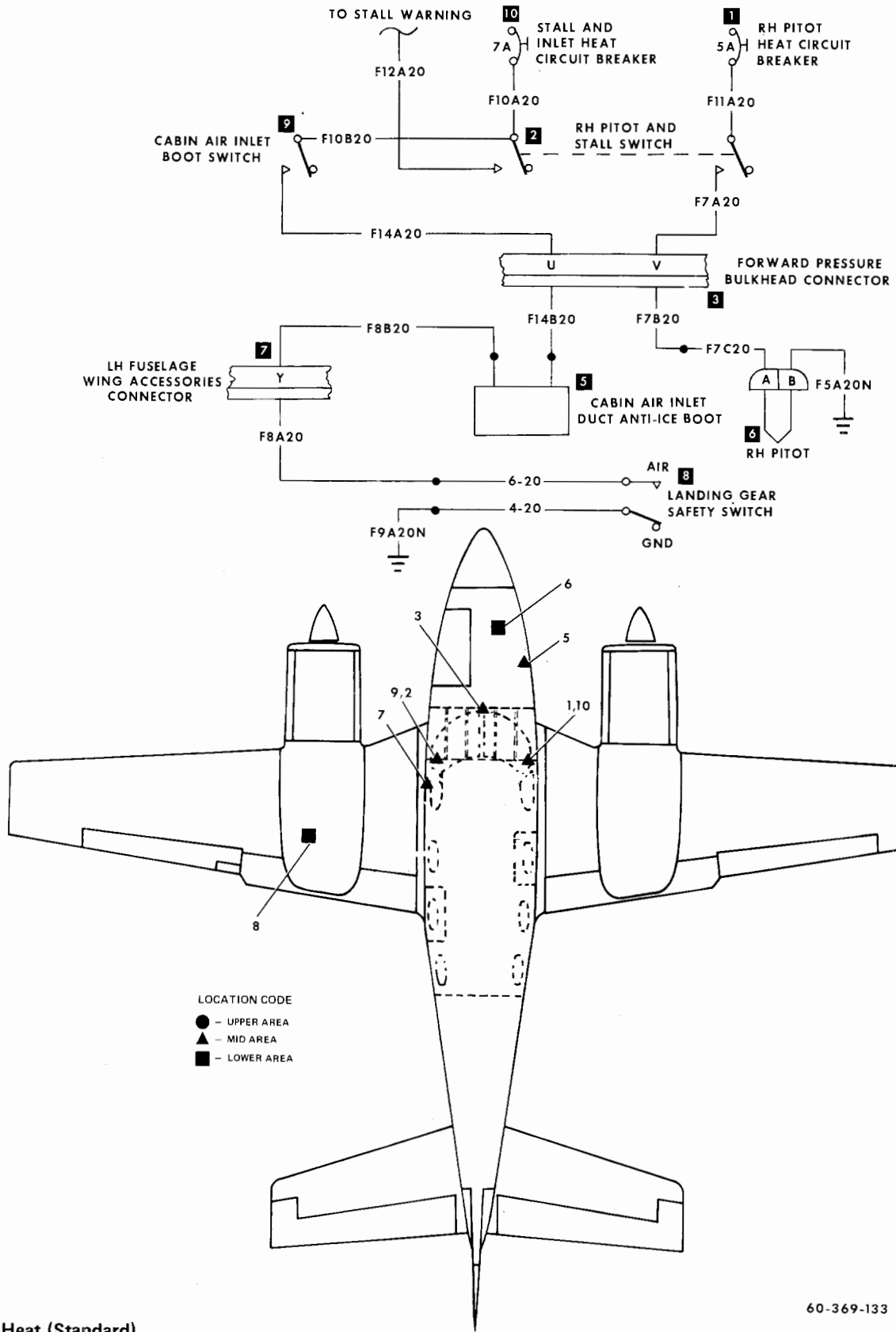
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
			1	2	3	4	5	6	7		
30-02 - 1	MS24510-5	CIRCUIT BREAKER,RH PITOT HEAT								1	1
- 2	35-380053-654	SWITCH ASSY,RH PITOT HEAT								1	1
- 3	PT07E22-21S	CONNECTOR,FWD PRESSURE BULKHEAD								1	1
	PT06A22-21P	CONNECTOR,FWD PRESSURE BULKHEAD								1	1
- 4		DELETED									
- 5	60-384017	BOOT,CABIN AIR INLET DEICER								1	1
- 6	60-384086-3	MAST,RH PITOT								1	1
- 7	PT07E22-21S	CONNECTOR,FUSELAGE LH WING ACCESSORIES.								1	1
	PT06A22-21P	CONNECTOR,FUSELAGE LH WING ACCESSORIES.								1	1
	AN960-2616L	WASHER,CONNECTOR.								1	1
- 8	60-369000-17	SWITCH ASSY,LANDING GEAR SAFETY								1	1

CODES OF EFFECTIVITY

1 P-153 AND AFTER

BEECHCRAFT DUKE 60 SERIES WIRING DIAGRAM MANUAL



LOCATION CODE
 ● - UPPER AREA
 ▲ - MID AREA
 ■ - LOWER AREA

Pitot Heat (Standard)
 P-153 and after

60-369-133

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

30-30-03
PITOT HEAT (OPTIONAL)
P-153 AND AFTER

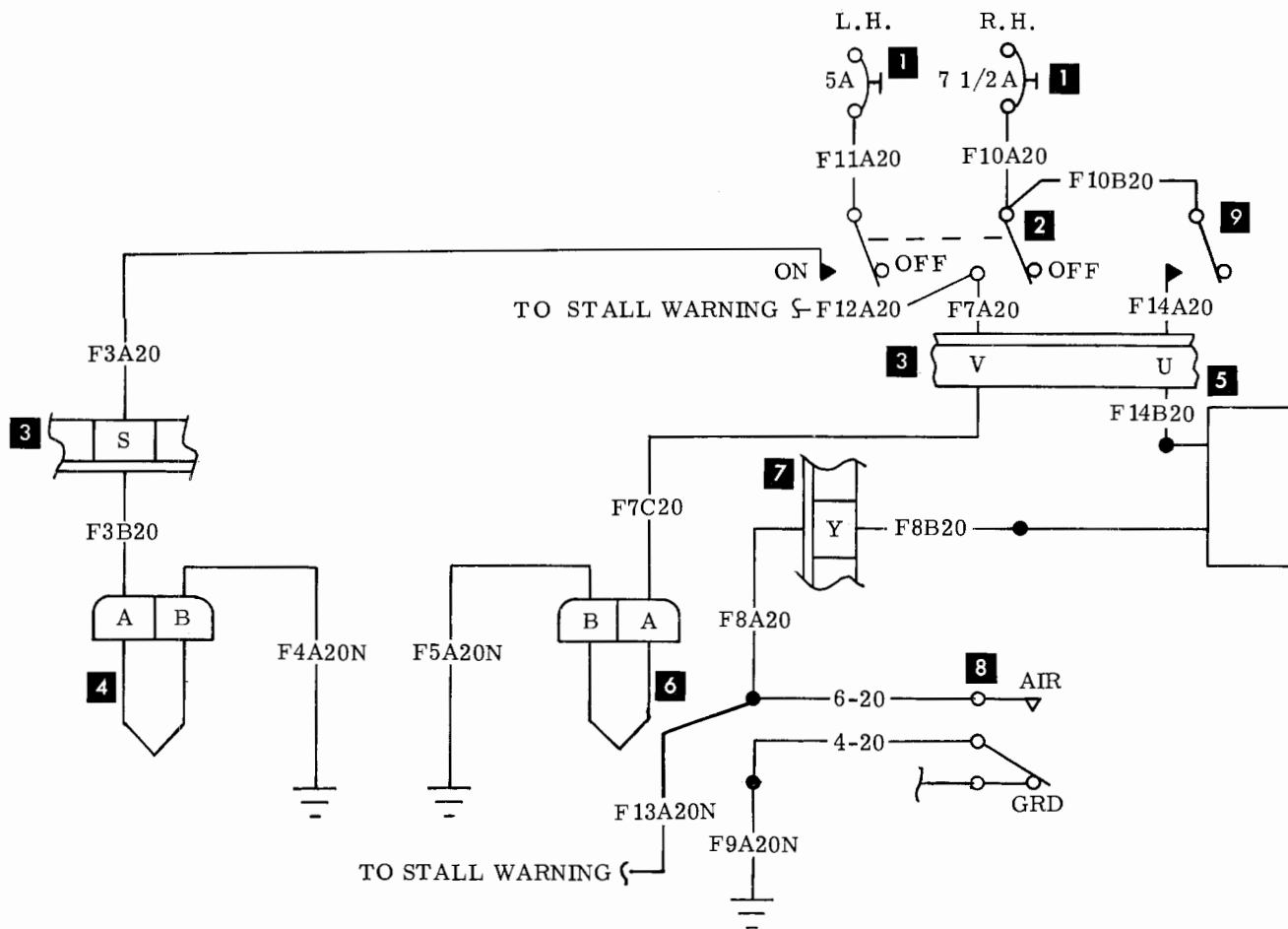
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY							USABLE ON CODE	
			1	2	3	4	5	6	7		
30-03 - 1	MS24510-5	CIRCUIT BREAKER,PITOT HEAT LH								1	1
	7271-8-7	CIRCUIT BREAKER,PITOT HEAT RH								1	1
- 2	35-380053-654	SWITCH ASSY,PITOT HEAT.								2	1
- 3	PT07E22-21S	CONNECTOR,FWD PRESSURE BULKHEAD								1	1
- 4	60-324086-4	MAST ASSY,LH PITOT.								1	1
- 5	60-384017	BOOT,CABIN AIR INLET DEICER								1	1
- 6	60-384086-3	MAST ASSY,RH PITOT.								1	1
- 7	PT07E22-21S	CONNECTOR,FUSELAGE LH WING ACCESSORIES.								1	1
	PT06A22-21P	CONNECTOR,FUSELAGE LH WING ACCESSORIES.								1	1
	AN960-2616L	WASHER,CONNECTOR.								1	1
- 8	60-369000-17	SWITCH ASSY,LANDING GEAR SAFETY								1	1
- 9	35-380053-654	SWITCH ASSY,CABIN AIR INLET DEICE BOOT.								1	1

CODES OF EFFECTIVITY

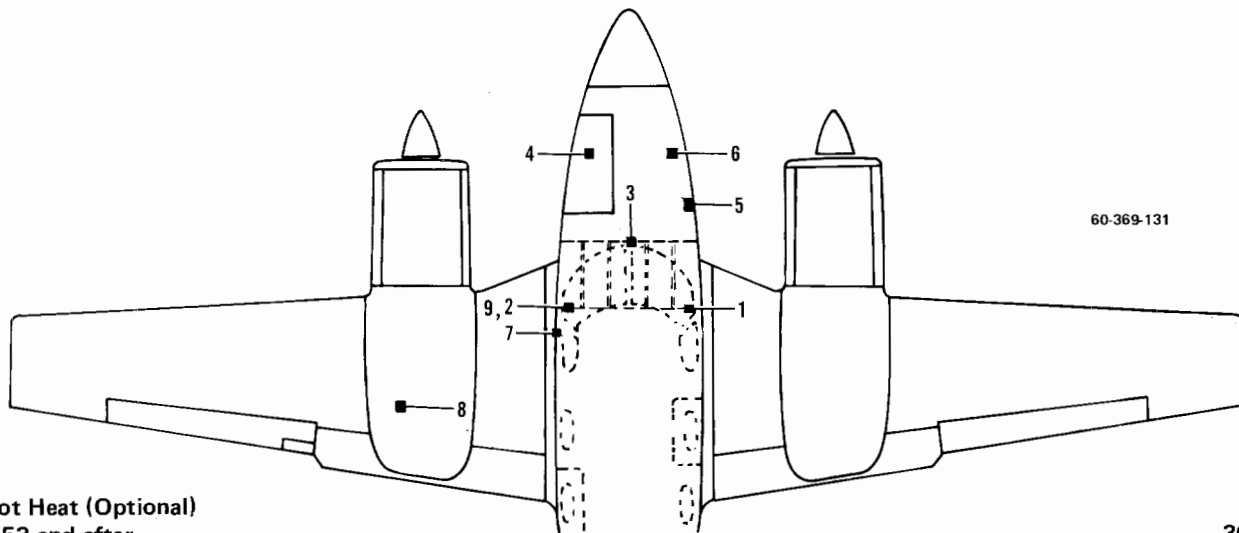
1 P-153 AND AFTER

BEECHCRAFT DUKE 60 SERIES WIRING DIAGRAM MANUAL



1. Circuit Breaker
2. Pitot Heat Switch
3. Forward Pressure Bulkhead Connector
4. L. H. Pitot

5. Cabin Air Inlet Duct Anti-Ice Boot
6. R.H. Pitot
7. L.H. Fuselage Wing Accessories Connector
8. Landing Gear Safety Switch
9. Cabin Air Inlet Boot Switch



60-369-131

Pitot Heat (Optional)
P-153 and after

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

30-40-01
WINDSHIELD DEICER (PILOTS)
P-4 THRU P-126 EXCEPT P-123

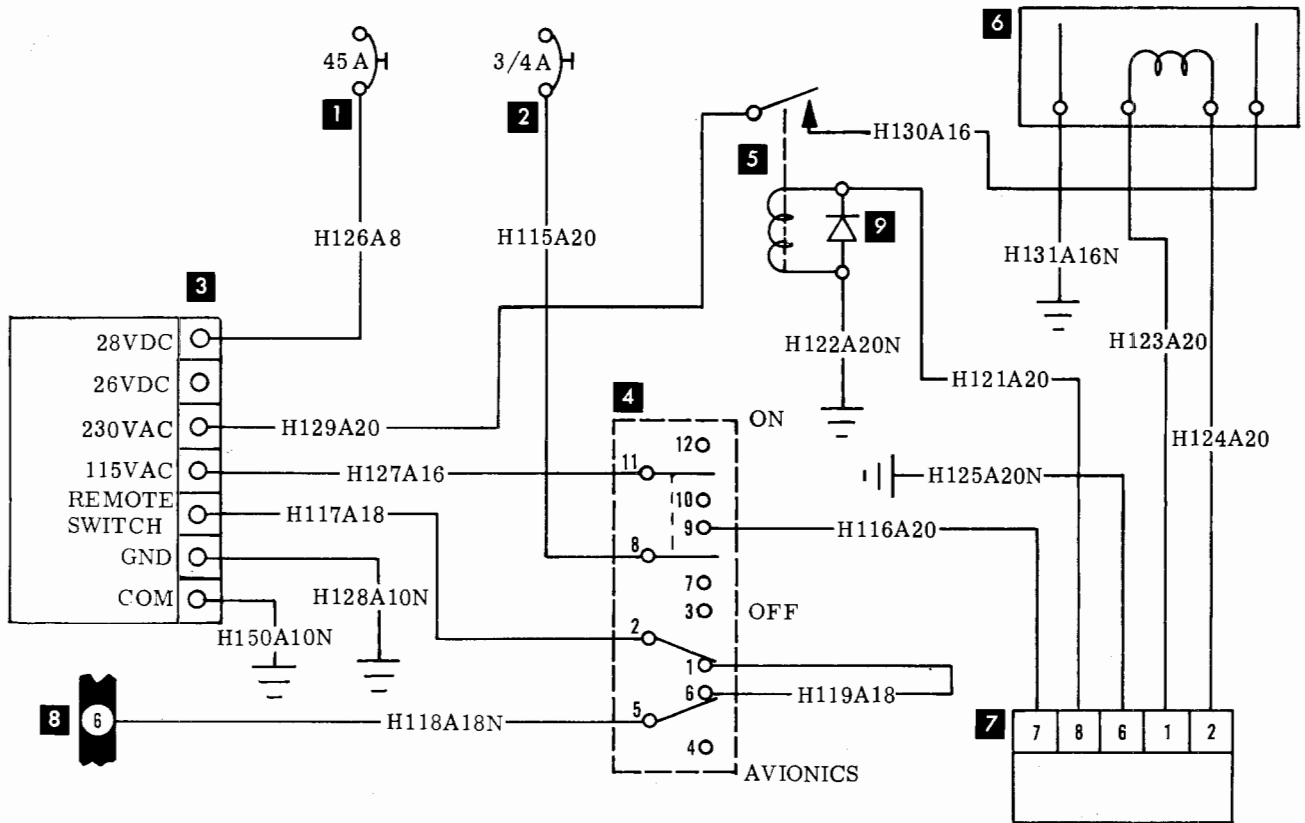
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	I 2 3 4 5 6 7	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
40-01 - 1	POLM45I		CIRCUIT BREAKER,NO.2 INVERTER	1	1
	60-364038-3		PLACARD,NO.2 INVERTER CIRCUIT BREAKER	1	1
	50-364295-5		BUS BAR,NO.2 INVERTER CIRCUIT BREAKER	1	1
- 2	7274-2-3/4		CIRCUIT BREAKER,WINDSHIELD TEMPERATURE CONTROL.	1	1
- 3	20139		INVERTER,NO.2	1	1
- 4	35-380053-655		SWITCH ASSY,NO.2 INVERTER	1	1
- 5	50-380048-1		RELAY,WINDSHIELD TEMPERATURE CONTROL	1	1
- 6	60-384009-1		WINDSHIELD,LH	1	1
- 7	HYLZ8882		CONTROL BOX,WINDSHIELD TEMPERATURE	1	1
- 8	MS27212-1-8		TERMINAL BOARD,SUBPANEL LH.	1	1
	114675A1-8		STRIP,TERMINAL IDENTIFICATION	1	1
- 9	1N4005		DIODE	1	1

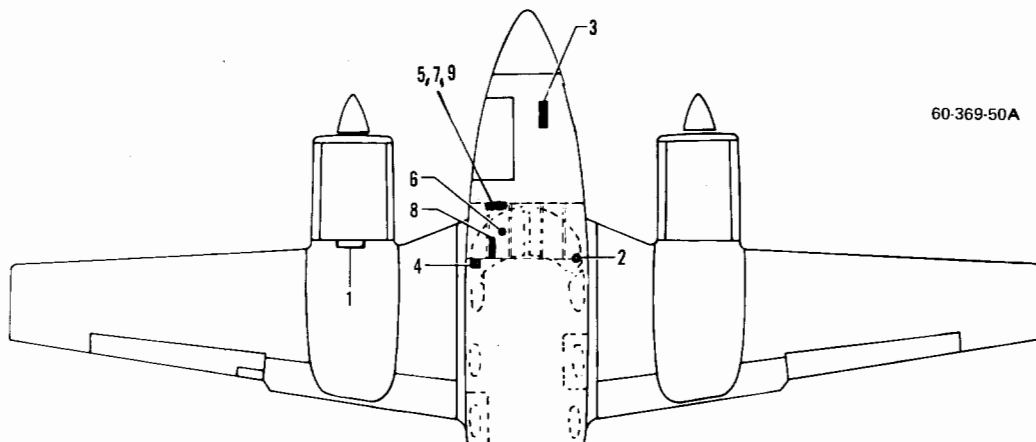
CODES OF EFFECTIVITY

1 P-4 THRU P-126
EXCEPT P-123

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



1. No. 2 Inverter Circuit Breaker
2. Windshield Temperature Control Circuit Breaker
3. No. 2 Inverter
4. No. 2 Inverter Switch
5. Windshield Temperature Control Relay
6. Left Windshield
7. Windshield Temperature Control Box
8. L. H. Subpanel Terminal Strip
9. Diode



60-369-50A

Windshield Deicer (Pilot's)
P-4 thru P-126 except P-123

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

30-40-02
WINDSHIELD DEICER (PILOTS)
P-123,P-127 AND AFTER

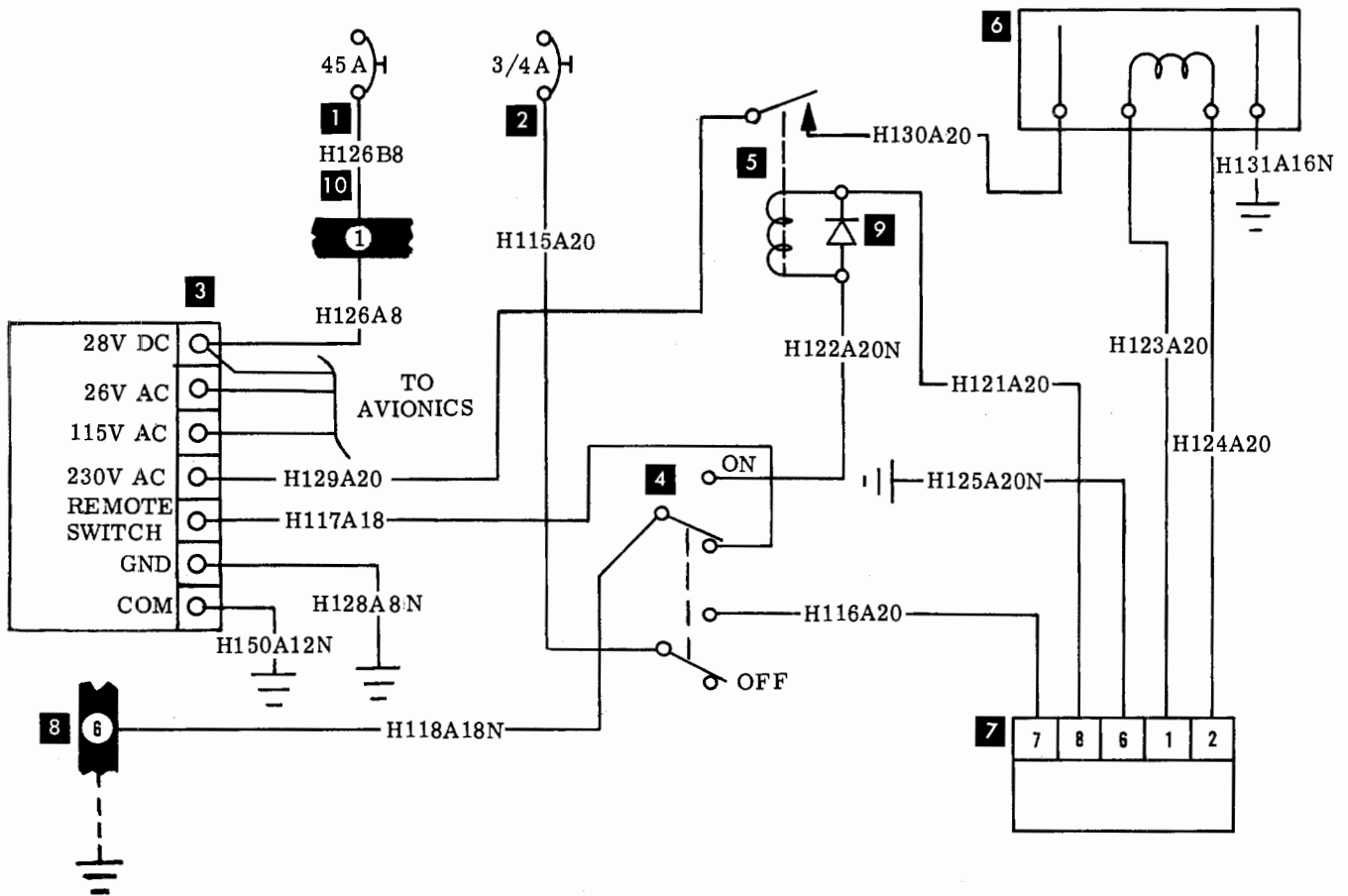
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS							USABLE ON CODE	
			1	2	3	4	5	6	7		PER ASSY
40-02 - 1	PDLM45I	CIRCUIT BREAKER,NO.2 INVERTER								1	1
	60-364038-3	PLACARD,NO.2 INVERTER CIRCUIT BREAKER								1	1
	50-364295-5	BUS BAR,NO.2 INVERTER CIRCUIT BREAKER								1	1
- 2	7274-2-3/4	CIRCUIT BREAKER,WINDSHIELD TEMPERATURE CONTRL.								1	1
- 3	20139	INVERTER,NO.2								1	1
- 4	35-380053-652	SWITCH ASSY,NO.2 INVERTER								1	1
- 5	50-380048-1	RELAY,WINDSHIELD TEMPERATURE CONTROL								1	1
- 6	60-384009-1	WINDSHIELD,LH								1	1
- 7	HYL28882	CONTROL BOX,WINDSHIELD TEMPERATURE								1	1
- 8	MS27212-1-8	TERMINAL BOARD,SUBPANEL LH.								1	1
	114675A1-8	STRIP,TERMINAL IDENTIFICATION								1	1
- 9	1N4005	DIODE								1	1
- 10	MS27212-2-2	TERMINAL BOARD,INVERTER CIRCUIT BREAKER								1	1

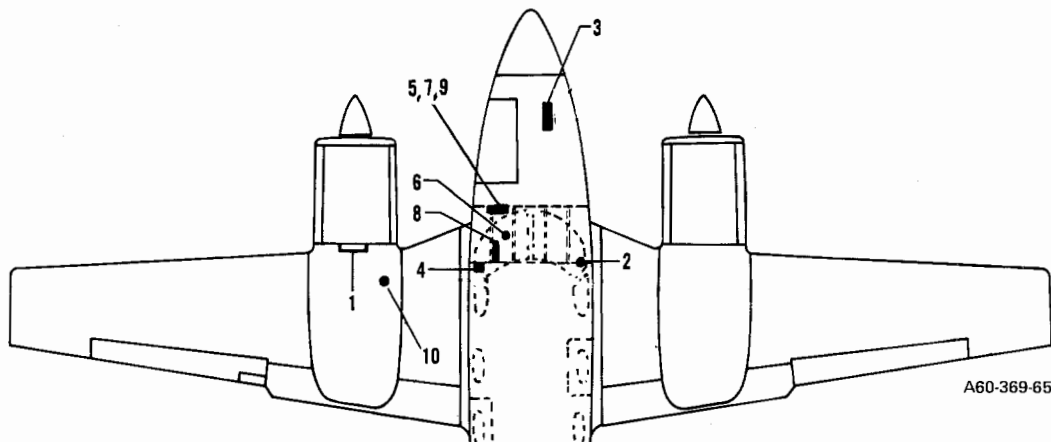
CODES OF EFFECTIVITY

I P-123,
P-127 AND AFTER

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



1. No. 2 Inverter Circuit Breaker
2. Windshield Temperature Control Circuit Breaker
3. No. 2 Inverter
4. No. 2 Inverter Switch
5. Windshield Temperature Control Relay
6. Left Windshield
7. Windshield Temperature Control Box
8. L. H. Subpanel Terminal Strip
9. Diode
10. Inverter Circuit Breaker Terminal Board



A60-369-65

Windshield Deicer (Pilot's)
P-123, P-127 and after

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

30-41-01
WINDSHIELD DEICER (PILOT AND COPILOT)
P-4 THRU P-126 EXCEPT P-123

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY							USABLE ON CODE
			1	2	3	4	5	6	7	
41-01 - 1	POLM45I	CIRCUIT BREAKER,NO.3 INVERTER							1	1
- 2	7274-2-3/4	CIRCUIT BREAKER,RH WINDSHIELD TEMP CONTROL.							1	1
- 3	POLM45I	CIRCUIT BREAKER,NO.2 INVERTER							1	1
- 4	7274-2-3/4	CIRCUIT BREAKER,LH WINDSHIELD TEMP CONTROL.							1	1
- 5	20139	INVERTER,NO.2							1	1
- 6	35-380053-655	SWITCH ASSY,NO.2 INVERTER							1	1
- 7	50-380048-3	RELAY,INVERTER SELECT							1	1
- 8	HYLZ8882	CONTROL BOX,LH WINDSHIELD TEMPERATURE							1	1
- 9	50-380048-1	RELAY,LH WINDSHIELD TEMPERATURE CONTROL							1	1
- 10	60-384009-1	WINDSHIELD,LH							1	1
- 11	20139	INVERTER,NO.3							1	1
- 12	35-380053-655	SWITCH ASSY,NO.3 INVERTER							1	1
- 13	HYLZ8882	CONTROL BOX,RH WINDSHIELD TEMPERATURE							1	1
- 14	50-380048-1	RELAY,RH WINDSHIELD TEMPERATURE CONTROL							1	1
- 15	60-384009-2	WINDSHIELD,RH							1	1
- 16	MS27212-1-8	TERMINAL BOARD,SUBPANEL LH.							1	1
	114675A1-8	STRIP,TERMINAL IDENTIFICATION							1	1
- 17	1N4005	DIODE							2	1

CODES OF EFFECTIVITY

1 P-4 THRU P-126
EXCEPT P-123

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

30-41-02
WINDSHIELD DEICER (PILOT AND COPILOT)
P-123,P-127 AND AFTER
DUMMY

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
41-02 - 1	PDLM451	CIRCUIT BREAKER,NO.3 INVERTER	1	1
- 2	7274-2-3/4	CIRCUIT BREAKER,RH WINDSHIELD TEMP CONTROL.	1	1
- 3	PDLM451	CIRCUIT BREAKER,NO.2 INVERTER	1	1
- 4	7274-2-3/4	CIRCUIT BREAKER,LH WINDSHIELD TEMP CONTROL.	1	1
- 5	20139	INVERTER,NO.2	1	1
- 6	35-380053-652	SWITCH ASSY,NO.2 INVERTER	1	1
- 7	50-380048-1	RELAY,INVERTER SELECT	1	1
- 8	HYLZ8882	CONTROL BOX,LH WINDSHIELD TEMPERATURE	1	1
- 9	50-380048-1	RELAY,LH WINDSHIELD TEMPERATURE CONTROL	1	1
- 10	60-384009-1	WINDSHIELD,LH	1	1
- 11	20139	INVERTER,NO.3	1	1
- 12	35-380053-655	SWITCH ASSY,NO.3 INVERTER	1	1
- 13	HYLZ8882	CONTROL BOX,RH WINDSHIELD TEMPERATURE	1	1
- 14	50-380048-1	RELAY,RH WINDSHIELD TEMPERATURE CONTROL	1	1
- 15	60-384009-2	WINDSHIELD,RH	1	1
- 16	MS27212-1-8	TERMINAL BOARD,SUBPANEL LH.	1	1
	114675A1-8	STRIP,TERMINAL IDENTIFICATION	1	1
- 17	IN4005	DIODE	6	1
- 18	MS27212-2-2	TERMINAL BOARD,INVERTER	1	1
- 19	50-380048-1	RELAY,INVERTER CONTROL.	1	1

CODES OF EFFECTIVITY

1 P-123,
P-127 AND AFTER

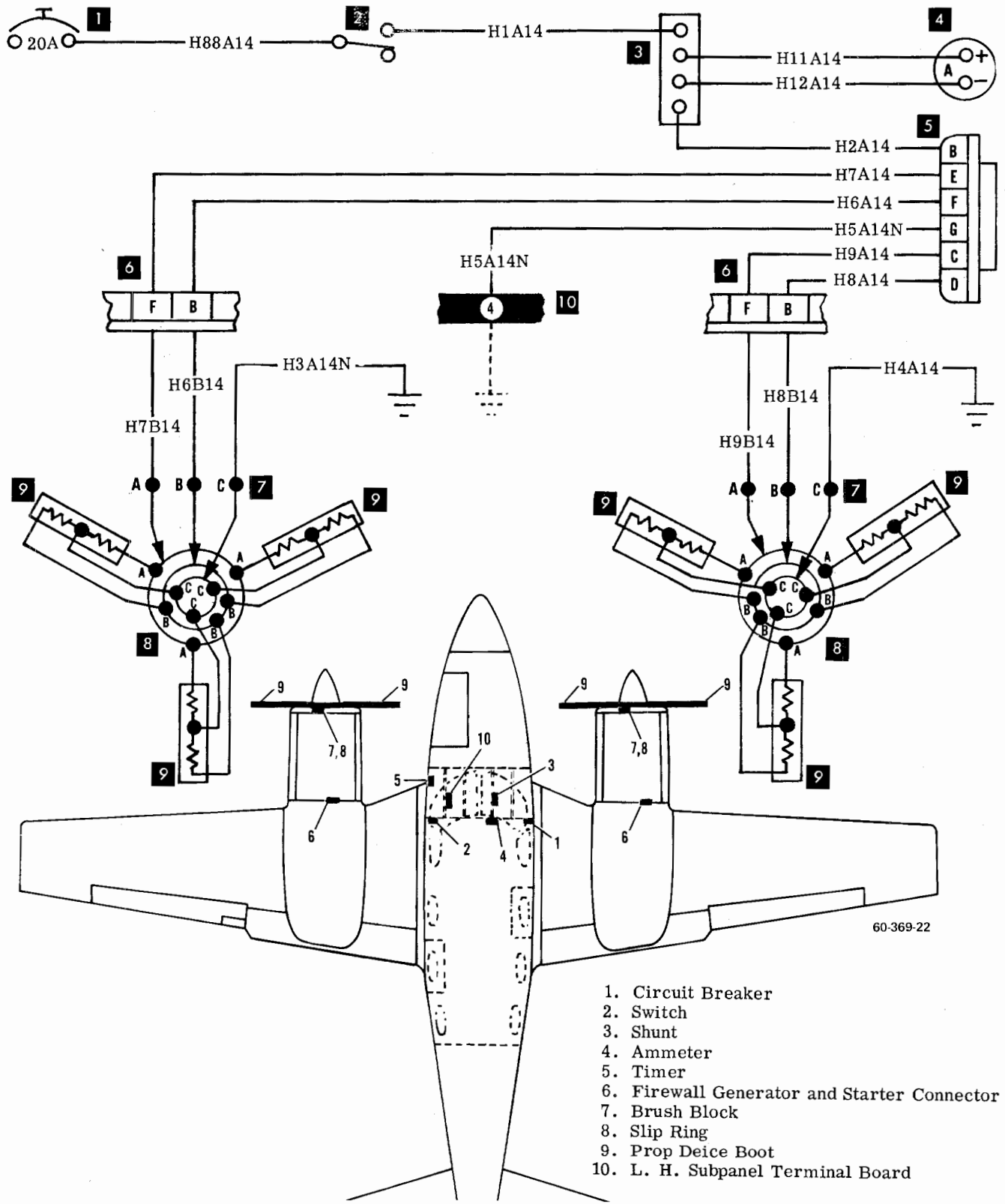
BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

30-60-01
PROPELLER DEICER

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY							USABLE ON CODE	
			1	2	3	4	5	6	7		
60-01 - 1	MS24510-20	CIRCUIT BREAKER, PROPELLER DEICER. . . . .	.	.	.	.	.	.	.	1	
- 2	35-380053-654	SWITCH ASSY, PROPELLER DEICER. . . . .	.	.	.	.	.	.	.	1	
- 3	MA7517250	SHUNT, PROPELLER DEICER. . . . .	.	.	.	.	.	.	.	1	
- 4	60-384023-1	AMMETER, PROPELLER DEICER. . . . .	.	.	.	.	.	.	.	1	
- 5	3E1150-3	TIMER, PROPELLER DEICER. . . . .	.	.	.	.	.	.	.	1	
- 6	MS3100K32-15S	CONNECTOR, STARTER & GENERATOR . . . . .	.	.	.	.	.	.	.	2	
	MS3106A/B32-15P	CONNECTOR, STARTER & GENERATOR . . . . .	.	.	.	.	.	.	.	2	
	MS3057-20A	CLAMP, CONNECTOR . . . . .	.	.	.	.	.	.	.	2	
	AN3420-20	BUSHING, CONNECTOR /RUBBER/. . . . .	.	.	.	.	.	.	.	1	
	AN3420-16	BUSHING, CONNECTOR /RUBBER/. . . . .	.	.	.	.	.	.	.	1	
- 7	4E1633	BRUSH BLOCK ASSY, PROPELLER DEICER . . . . .	.	.	.	.	.	.	.	2	
- 8	4E1637	SLIP RING, PROPELLER DEICER. . . . .	.	.	.	.	.	.	.	2	
- 9	4E1188-3	BOOT, PROPELLER DEICER . . . . .	.	.	.	.	.	.	.	6	
- 10	MS27212-1-8	TERMINAL BOARD, SUBPANEL LH. . . . .	.	.	.	.	.	.	.	1	
	114675A1-8	STRIP, TERMINAL IDENTIFICATION . . . . .	.	.	.	.	.	.	.	1	

BEECHCRAFT DUKE 60 SERIES WIRING DIAGRAM MANUAL



60-369-22

- 1. Circuit Breaker
- 2. Switch
- 3. Shunt
- 4. Ammeter
- 5. Timer
- 6. Firewall Generator and Starter Connector
- 7. Brush Block
- 8. Slip Ring
- 9. Prop Deicer Boot
- 10. L. H. Subpanel Terminal Board

Propeller Deicer

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

LIST OF PAGES
FOR
CHAPTER 31-00-00 INSTRUMENTS

SYS/SUB-SYS/ CHAP SECTION	PAGE NO.	DATE	SYS/SUB-SYS/ CHAP SECTION	PAGE NO.	DATE	SYS/SUB-SYS/ CHAP SECTION	PAGE NO.	DATE
31-00-00	1	11/02/73	31-30-01	2	11/02/73	31-30-02	2	11/02/73
31-00-00	2	11/02/73	31-30-01	3	11/02/73	31-30-02	3	11/02/73
31-30-01	1	11/02/73	31-30-02	1	11/02/73			

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DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

CHAPTER 31

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Recorders	31-30	
Engine Hour and/or Flight Hour Meter P-4 thru P-126 except P-123	31-30-01	1 thru 3
P-123, P-127 and after	31-30-02	1 thru 3

“END” |

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

31-30-01
ENGINE HOUR AND/OR FLIGHT HOUR METER
P-4 THRU P-126 EXCEPT P-123

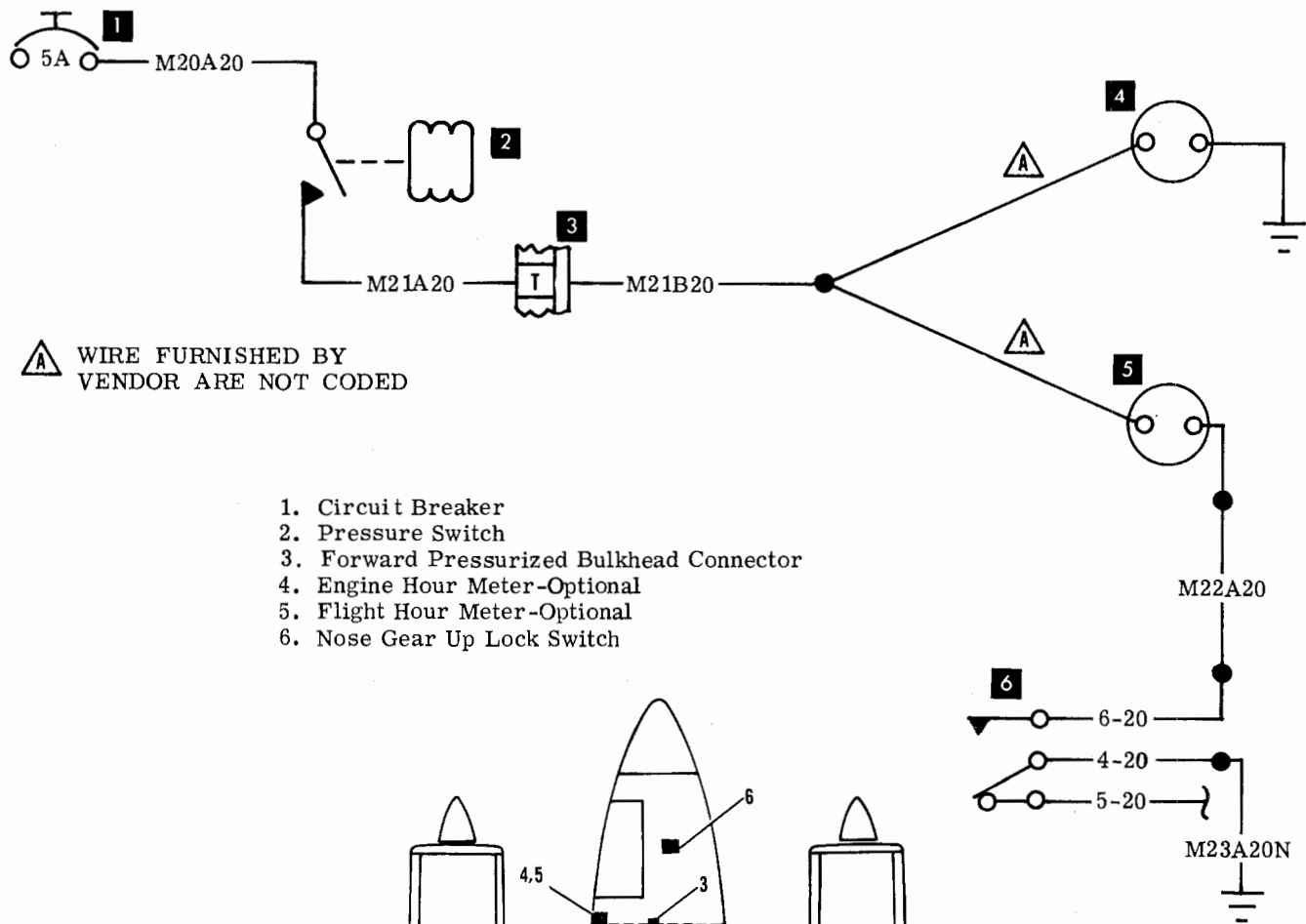
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
			1	2	3	4	5	6	7		
30-01 - 1	MS26574-5	CIRCUIT BREAKER, HOUR METER.								1	1
- 2	M1-672	SWITCH, HOUR METER PRESSURE.								1	1
- 3	PT07E22-21S	CONNECTOR, FWD PRESSURE BULKHEAD								1	1
	PT06A22-21P	CONNECTOR, FWD PRESSURE BULKHEAD								1	1
	AN960-2616L	WASHER, CONNECTOR.								1	1
- 4	M3618	HOUR METER, ENGINE								1	1
	60-324084-1	PLACARD, ENGINE HOURS.								1	1
- 5	M3618	HOUR METER, FLIGHT								1	1
	60-324084-3	PLACARD, FLIGHT HOURS.								1	1
- 6	1CH25	SWITCH, NOSE GEAR UP LOCK.								1	1

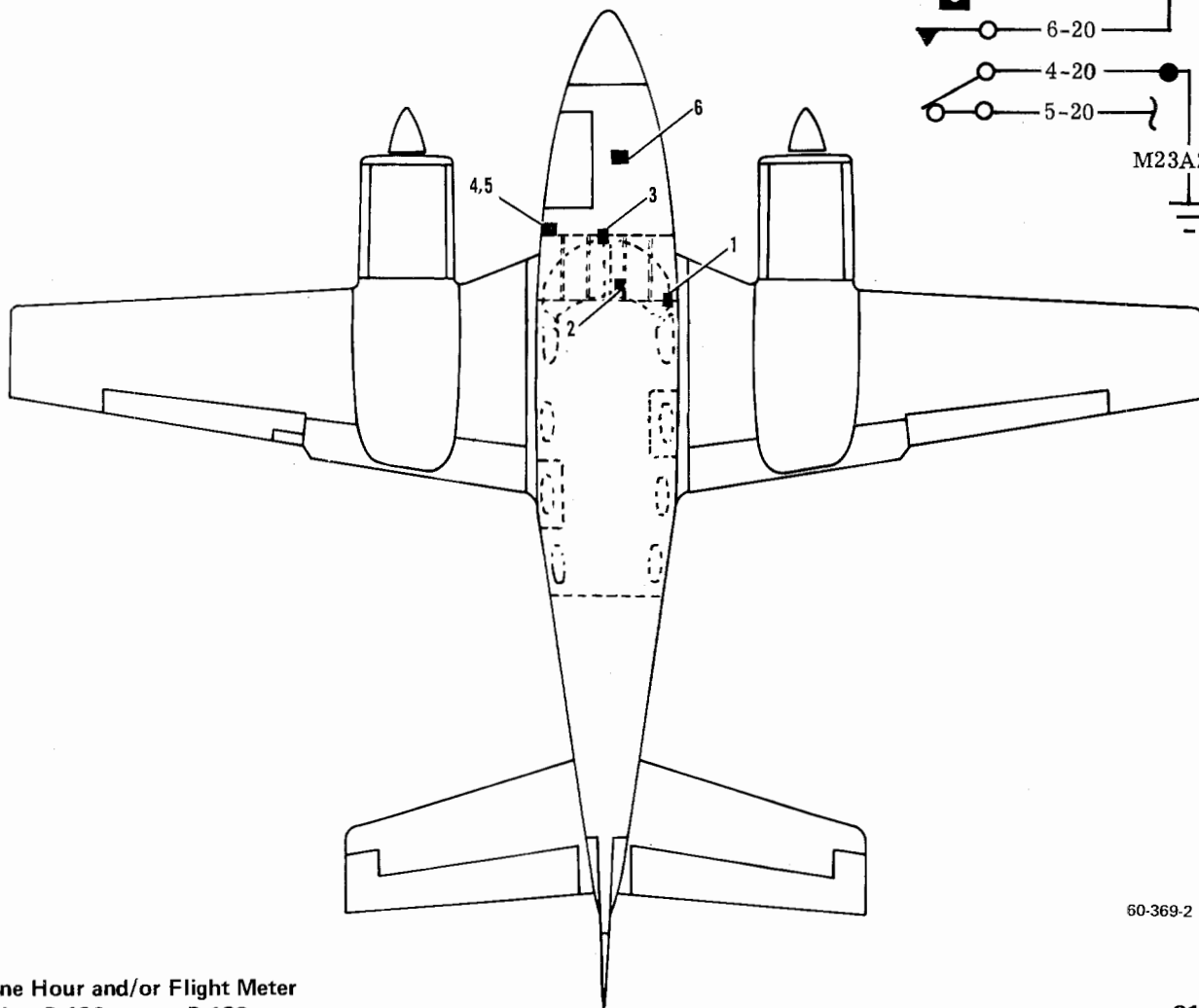
CODES OF EFFECTIVITY

I P-4 THRU P-126
EXCEPT P-123

BEECHCRAFT DUKE 60 SERIES WIRING DIAGRAM MANUAL



1. Circuit Breaker
2. Pressure Switch
3. Forward Pressurized Bulkhead Connector
4. Engine Hour Meter-Optional
5. Flight Hour Meter-Optional
6. Nose Gear Up Lock Switch



60-369-2

Engine Hour and/or Flight Meter
 P-4 thru P-126 except P-123

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

31-30-02
ENGINE HOUR AND/OR FLIGHT HOUR
P-123,P-127 AND AFTER

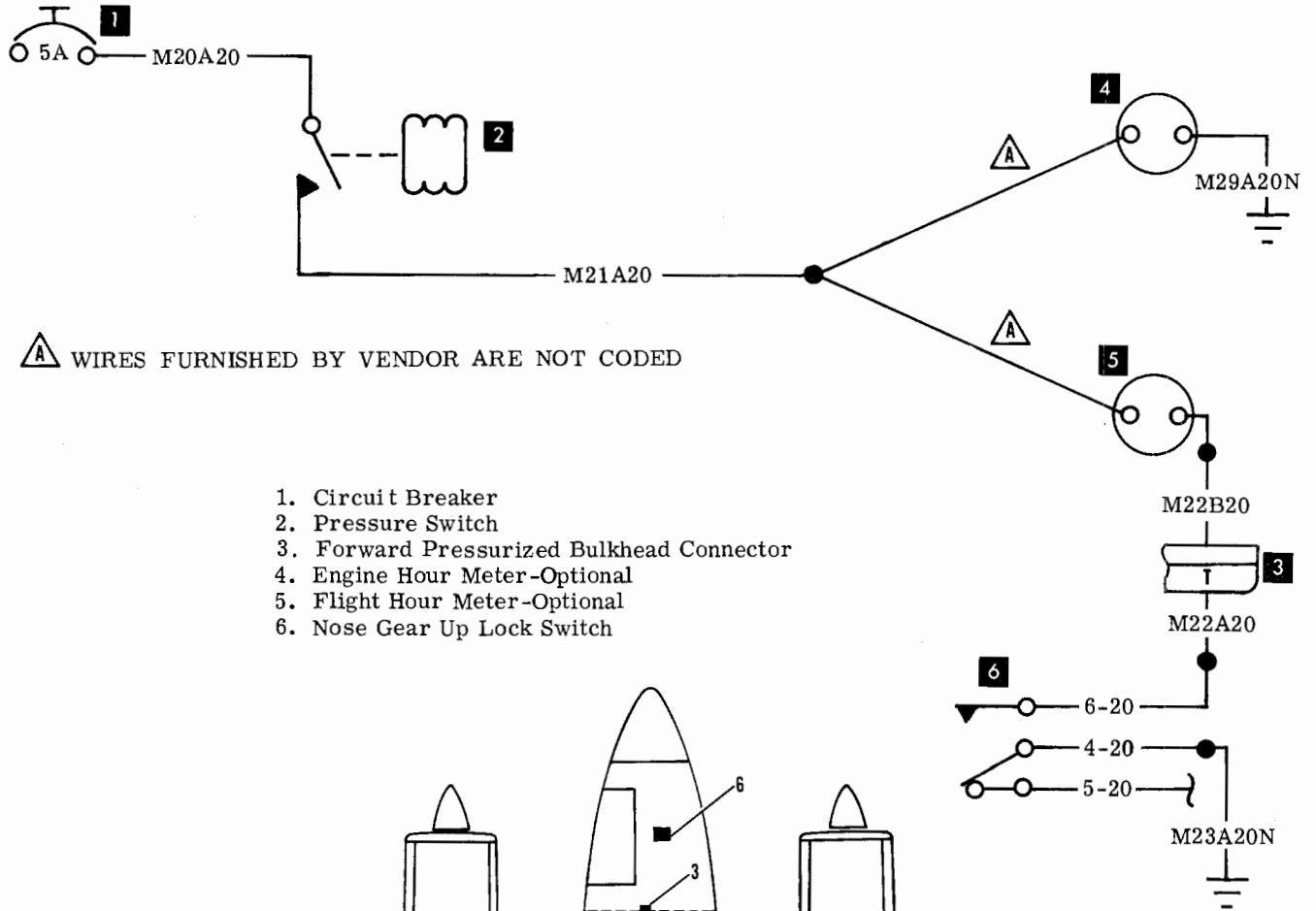
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
			1	2	3	4	5	6	7		
30-02 - 1	MS26574-5	CIRCUIT BREAKER, HOUR METER.								1	1
- 2	M1-672	SWITCH, HOUR METER PRESSURE.								1	1
- 3	PT07E22-21S	CONNECTOR, FWD PRESSURE BULKHEAD								1	1
	PT06A22-21P	CONNECTOR, FWD PRESSURE BULKHEAD								1	1
	AN960-2616L	WASHER, CONNECTOR.								1	1
- 4	96-384019-1	HOUR METER, ENGINE								1	1
	60-324084-1	PLACARD, ENGINE HOURS.								1	1
- 5	96-384019-1	HOUR METER, FLIGHT								1	1
	60-324084-3	PLACARD, FLIGHT HOURS.								1	1
	1CH25	SWITCH, NOSE GEAR UP LOCK.								1	1

CODES OF EFFECTIVITY

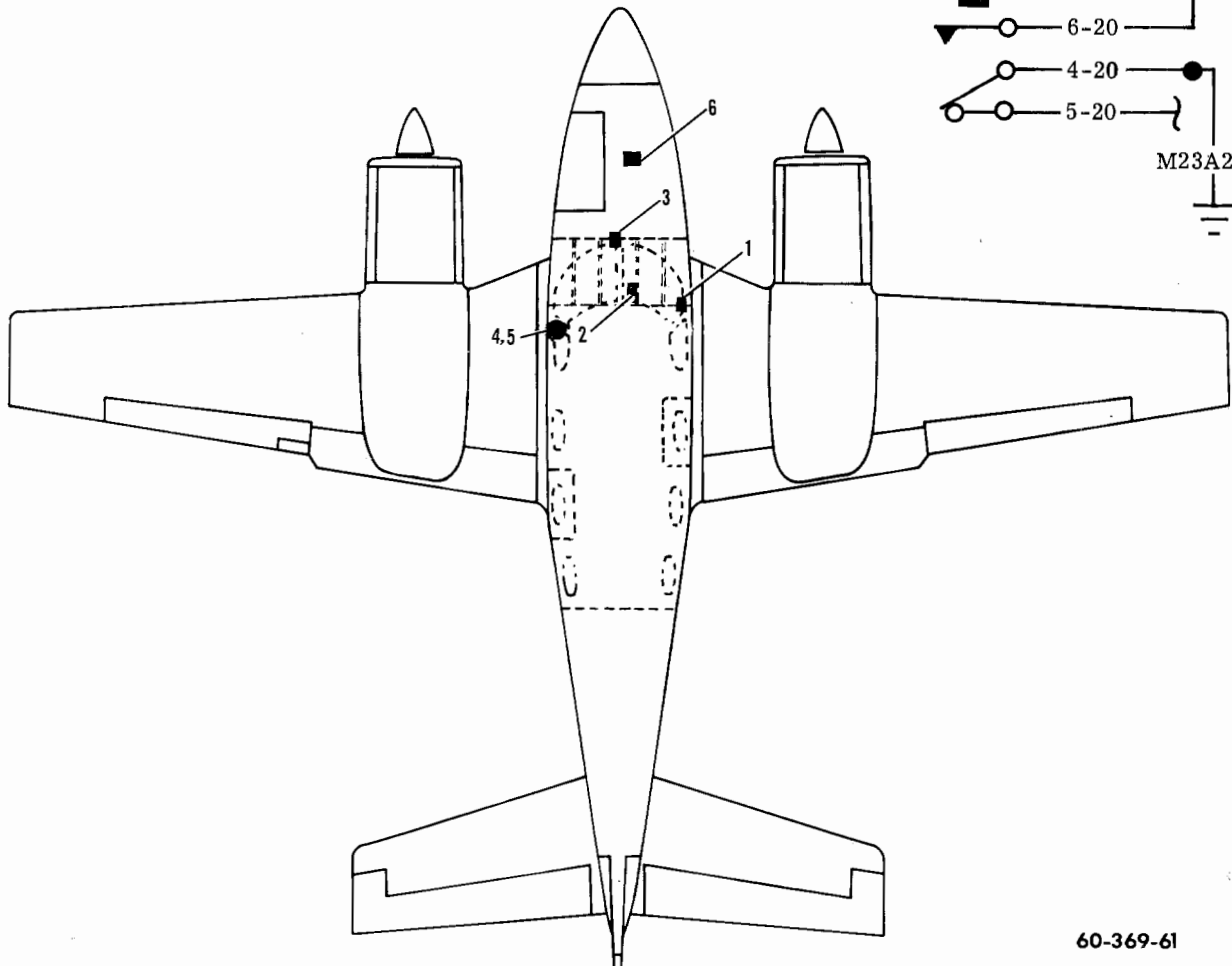
1 P-123,
P-127 AND AFTER

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



△ WIRES FURNISHED BY VENDOR ARE NOT CODED

- 1. Circuit Breaker
- 2. Pressure Switch
- 3. Forward Pressurized Bulkhead Connector
- 4. Engine Hour Meter-Optional
- 5. Flight Hour Meter-Optional
- 6. Nose Gear Up Lock Switch



60-369-61

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

LIST OF PAGES
FOR
CHAPTER 32-00-00 LANDING GEAR

SYS/SUB-SYS/ CHAP SECTION	PAGE NO.	DATE	SYS/SUB-SYS/ CHAP SECTION	PAGE NO.	DATE	SYS/SUB-SYS/ CHAP SECTION	PAGE NO.	DATE
32-00-00	1	11/02/73	32-31-01	1	11/02/73	32-60-01	3	11/02/73
32-00-00	2	11/02/73	32-31-01	2	11/02/73	32-61-01	1	11/02/73
32-30-01	1	11/02/73	32-31-01	3	11/02/73	32-61-01	2	11/02/73
32-30-01	2	11/02/73	32-60-01	1	11/02/73	32-61-01	3	11/02/73
32-30-01	3	11/02/73	32-60-01	2	11/02/73			

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

**CHAPTER 32
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Extension and Retraction	32-30	
Landing Gear (with Safety System) P-4 thru P-198	32-30-01	1 thru 3
Landing Gear (without Safety System)	32-31-01	1 thru 3
Position and Warning	32-60	
Landing Gear and Throttle Warning	32-60-01	1 thru 3
Landing Gear Position Indicator	32-61-01	1 thru 3

“END”

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

32-30-01
LANDING GEAR (WITH SAFETY SYSTEM)
P-4 THRU P-198

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY							USABLE ON CODE	
			1	2	3	4	5	6	7		
30-01 - 1	MS24510-30	CIRCUIT BREAKER, LANDING GEAR MOTOR.								1	1
- 2	MS26574-5	CIRCUIT BREAKER, LANDING GEAR RELAY.								1	1
- 3	60-364011	SWITCH ASSY, LANDING GEAR CONTROL.								1	1
- 4	MS27212-1-8 114675C1-8	TERMINAL BOARD, SUBPANEL RH. STRIP, TERMINAL IDENTIFICATION								1 1	1 1
- 5	MS25026-1	SWITCH, DOWN LIMIT								1	1
- 6	PT07E22-41S PT06A22-41P AN960-2616L	CONNECTOR, FUSELAGE LH WING ACCESSORIES. CONNECTOR, FUSELAGE LH WING ACCESSORIES. WASHER, CONNECTOR.								1 1 1	1 1 1
- 7	35-380092-27	SWITCH, 85 KNOT PRESSURE								1	1
- 8	MS25026-1	SWITCH, UP LIMIT								1	1
- 9	35-380053-656	SWITCH ASSY, SAFETY SYSTEM TEST.								1	1
- 10	35-380092-11	SWITCH, 120 KNOT PRESSURE.								1	1
- 11	V3-1	SWITCH, RH THROTTLE.								1	1
- 12	V3-1 JV5	SWITCH, LH THROTTLE. ACTUATOR, THROTTLE SWITCH.								1 2	1 1
- 13	MS27212-1-8 114675E1-8	TERMINAL BOARD, PEDESTAL STRIP, TERMINAL IDENTIFICATION								1 1	1 1
- 14	60-369000-17	SWITCH ASSY, LH LANDING GEAR SAFETY.								1	1
- 15	6046H39A	RELAY, DYNAMIC BRAKE								1	1
- 16	96-380022	MOTOR, LANDING GEAR RETRACT.								1	1

CODES OF EFFECTIVITY

1 P-4 THRU P-198

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

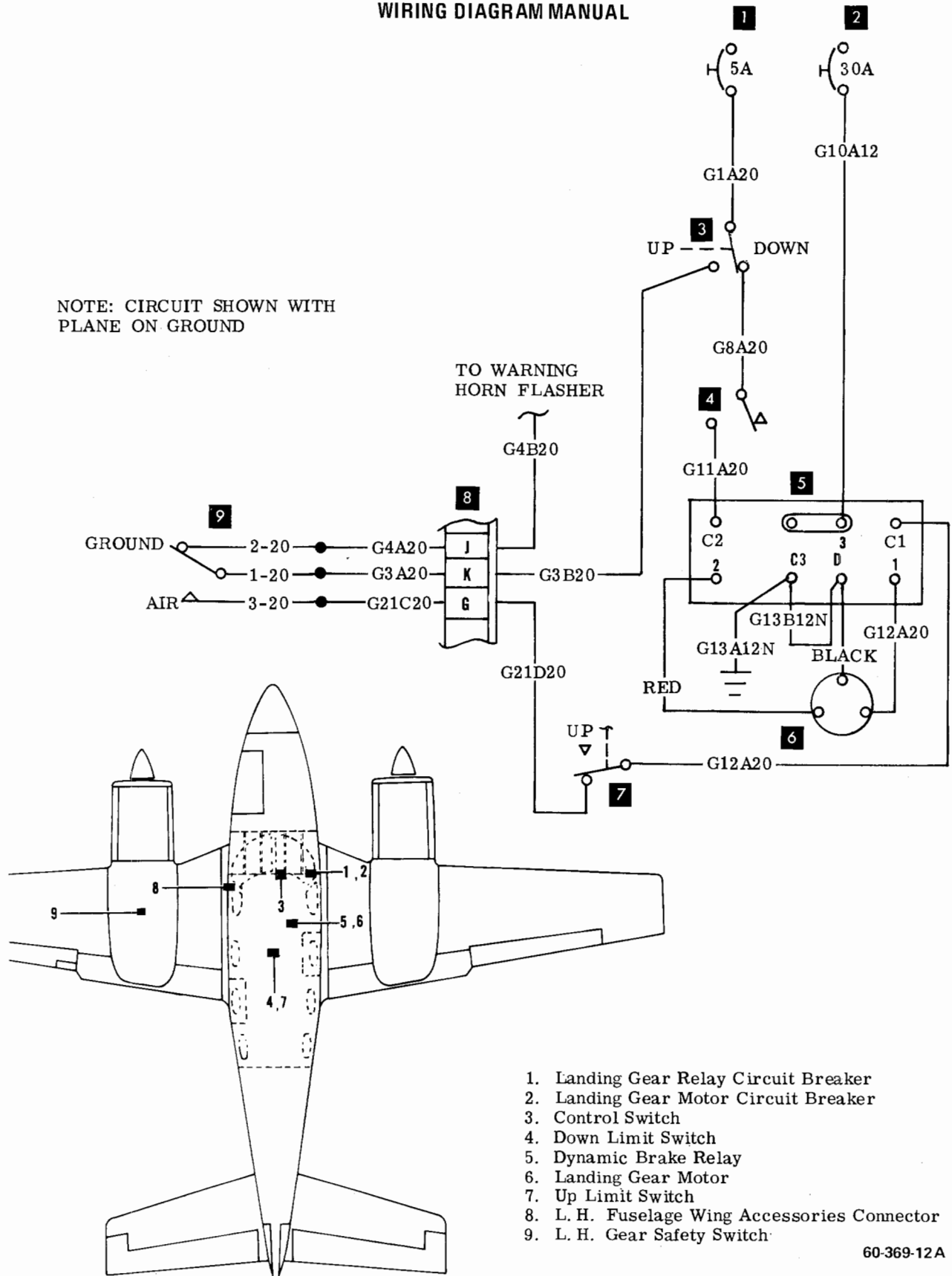
32-31-01
LANDING GEAR (WITHOUT SAFETY SYSTEM)

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS							USABLE ON CODE	
			1	2	3	4	5	6	7		PER ASSY
31-01 - 1	MS26574-5	CIRCUIT BREAKER, LANDING GEAR RELAY.								1	
- 2	MS24510-30	CIRCUIT BREAKER, LANDING GEAR MOTOR.								1	
- 3	MS25125E3	SWITCH, LANDING GEAR CONTROL								1	
	118665	KNOB, LANDING GEAR CONTROL SWITCH.								1	
	AN565D8H2	SCREW, KNOB SET.								1	
- 4	MS25026-1	SWITCH, DOWN LIMIT								1	
- 5	6046H39A	RELAY, DYNAMIC BRAKE								1	
- 6	96-380022	MOTOR, LANDING GEAR RETRACT.								1	
- 7	MS25026-1	SWITCH, LANDING GEAR UP LIMIT.								1	
- 8	PT07E22-41S	CONNECTOR, FUSELAGE LH WING ACCESSORIES.								1	
	PT06A22-41P	CONNECTOR, FUSELAGE LH WING ACCESSORIES.								1	
	AN960-2616L	WASHER, CONNECTOR.								1	
	60-369000-17	SWITCH ASSY, LH LANDING GEAR SAFETY.								1	

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

NOTE: CIRCUIT SHOWN WITH
PLANE ON GROUND



1. Landing Gear Relay Circuit Breaker
2. Landing Gear Motor Circuit Breaker
3. Control Switch
4. Down Limit Switch
5. Dynamic Brake Relay
6. Landing Gear Motor
7. Up Limit Switch
8. L. H. Fuselage Wing Accessories Connector
9. L. H. Gear Safety Switch

60-369-12A

Landing Gear (without Safety System)

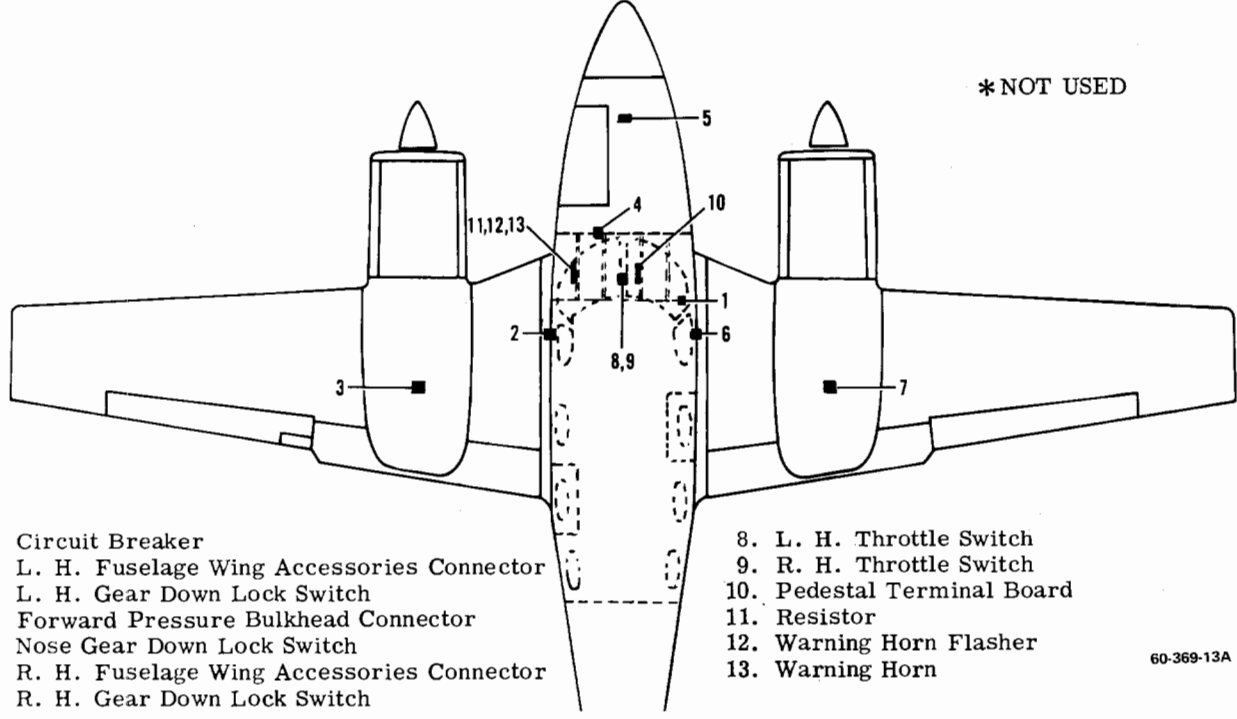
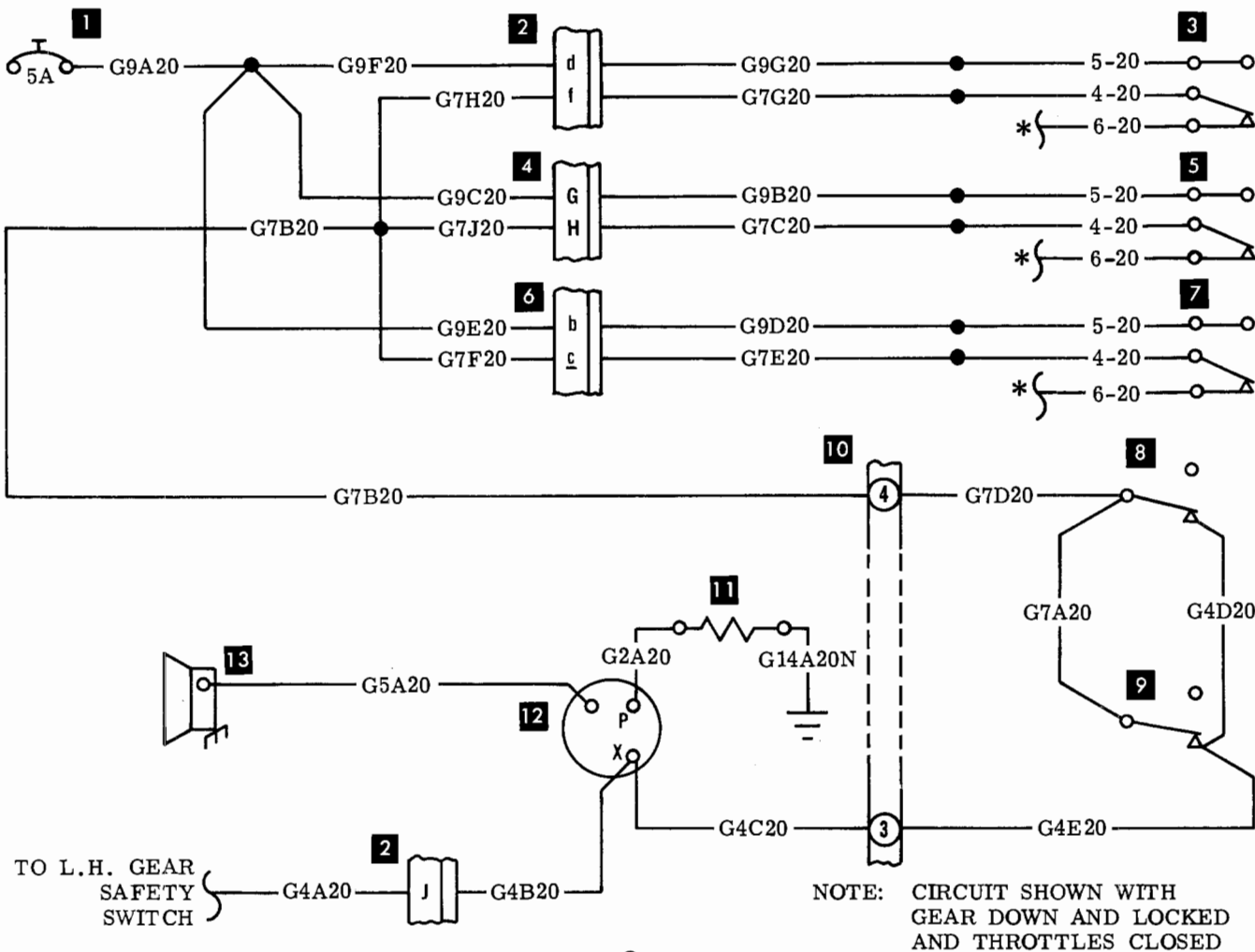
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

32-60-01
LANDING GEAR AND THROTTLE WARNING

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY							USABLE ON CODE
			1	2	3	4	5	6	7	
60-01 - 1	MS26574-5	CIRCUIT BREAKER, THROTTLE WARNING.								1
- 2	PT07E22-41S	CONNECTOR, FUSELAGE LH WING ACCESSORIES.								1
	PT06A22-41P	CONNECTOR, FUSELAGE LH WING ACCESSORIES.								1
	AN960-2616L	WASHER, CONNECTOR.								1
- 3	ICH25	SWITCH, LH LANDING GEAR DOWN LOCK.								1
- 4	PT07E22-21S	CONNECTOR, FWD PRESSURE BULKHEAD.								1
	PT06A22-21P	CONNECTOR, FWD PRESSURE BULKHEAD.								1
	AN960-2616L	WASHER, CONNECTOR.								1
- 5	ICH25	SWITCH, NOSE GEAR DOWN LOCK.								1
- 6	PT07E16-22S	CONNECTOR, FUSELAGE RH WING ACCESSORIES.								1
	PT06A16-22P	CONNECTOR, FUSELAGE RH WING ACCESSORIES.								1
	AN960-1616L	WASHER, CONNECTOR.								1
- 7	ICH25	SWITCH, RH LANDING GEAR DOWN LOCK.								1
- 8	V3-1	SWITCH, LH THROTTLE WARNING.								1
- 9	V3-1	SWITCH, RH THROTTLE WARNING.								1
	JV5	ACTUATOR, THROTTLE SWITCH.								2
- 10	MS27212-1-8	TERMINAL BOARD, PEDESTAL.								1
	I14675E1-8	STRIP, TERMINAL IDENTIFICATION.								1
- 11	TYPE 3768	RESISTOR, WARNING HORN FLASHER 10 WATT 39 OHM.								1
- 12	R102	FLASHER, WARNING HORN.								1
- 13	169-380021-9	HORN, LANDING GEAR & THROTTLE WARNING.								1

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



- | | |
|--|-----------------------------|
| 1. Circuit Breaker | 8. L. H. Throttle Switch |
| 2. L. H. Fuselage Wing Accessories Connector | 9. R. H. Throttle Switch |
| 3. L. H. Gear Down Lock Switch | 10. Pedestal Terminal Board |
| 4. Forward Pressure Bulkhead Connector | 11. Resistor |
| 5. Nose Gear Down Lock Switch | 12. Warning Horn Flasher |
| 6. R. H. Fuselage Wing Accessories Connector | 13. Warning Horn |
| 7. R. H. Gear Down Lock Switch | |

Landing Gear and Throttle Warning

60-369-13A

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

32-61-01
LANDING GEAR POSITION INDICATOR

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
61-01 - 1	MS26574-5	CIRCUIT BREAKER, LANDING GEAR POSITION INDICATOR	1	
- 2	VM911M2	LIGHT ASSY, LANDING GEAR UNLOCKED INDICATOR . . .	1	
- 3	MS25041-3	LIGHT ASSY, NOSE LANDING GEAR DOWN INDICATOR . . .	1	
- 4	MS25041-3	LIGHT ASSY, LH LANDING GEAR DOWN INDICATOR . . .	1	
- 5	MS25041-3	LIGHT ASSY, RH LANDING GEAR DOWN INDICATOR . . .	1	
	327	. BULB, LIGHT	4	
- 6	PT07E22-41S	CONNECTOR, FUSELAGE LH WING ACCESSORIES	1	
	PT06A22-41P	CONNECTOR, FUSELAGE RH WING ACCESSORIES	1	
	AN960-2616L	WASHER, CONNECTOR	1	
- 7	PT07E22-21S	CONNECTOR, FWD PRESSURE BULKHEAD	1	
	PT06A22-21P	CONNECTOR, FWD PRESSURE BULKHEAD	1	
	AN960-2616L	WASHER, CONNECTOR	1	
- 8	PT07E16-22S	CONNECTOR, FUSELAGE RH WING ACCESSORIES	1	
	PT06A16-22P	CONNECTOR, FUSELAGE RH WING ACCESSORIES	1	
	AN960-1616L	WASHER, CONNECTOR	1	
- 9	MS27212-1-8	TERMINAL BOARD, SUBPANEL LH	1	
	114675C1-8	STRIP, TERMINAL IDENTIFICATION	1	
- 10	1CH25	SWITCH, LH LANDING GEAR UP LOCK	1	
- 11	1CH25	SWITCH, LH LANDING GEAR DOWN LOCK	1	
- 12	1CH25	SWITCH, NOSE LANDING GEAR UP LOCK	1	
- 13	1CH25	SWITCH, NOSE LANDING GEAR DOWN LOCK	1	
- 14	1CH25	SWITCH, RH LANDING GEAR UP LOCK	1	
- 15	1CH25	SWITCH, RH LANDING GEAR DOWN LOCK	1	

BEECHCRAFT DUKE 60 SERIES WIRING DIAGRAM MANUAL

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33-00-00	1	11/02/73	33-15-03	2	11/02/73	33-40-01	3	11/02/73
33-00-00	2	11/02/73	33-15-03	3	11/02/73	33-40-02	1	11/02/73
33-00-00	3	11/02/73	33-16-01	1	11/02/73	33-40-02	2	11/02/73
33-10-01	1	11/02/73	33-16-01	2	11/02/73	33-40-02	3	11/02/73
33-10-01	2	11/02/73	33-16-01	3	11/02/73	33-41-01	1	11/02/73
33-10-01	3	11/02/73	33-17-01	1	11/02/73	33-41-01	2	11/02/73
33-11-01	1	11/02/73	33-17-01	2	11/02/73	33-41-01	3	11/02/73
33-11-01	2	11/02/73	33-17-01	3	11/02/73	33-42-01	1	11/02/73
33-11-01	3	11/02/73	33-18-01	1	11/02/73	33-42-01	2	11/02/73
33-12-01	1	11/02/73	33-18-01	2	11/02/73	33-42-01	3	11/02/73
33-12-01	2	11/02/73	33-18-01	3	11/02/73	33-43-01	1	11/02/73
33-12-01	3	11/02/73	33-18-02	1	11/02/73	33-43-01	2	11/02/73
33-13-01	1	11/02/73	33-18-02	2	11/02/73	33-43-01	3	11/02/73
33-13-01	2	11/02/73	33-18-02	3	11/02/73	33-43-02	1	11/02/73
33-13-01	3	11/02/73	33-18-03	1	11/02/73	33-43-02	2	11/02/73
33-14-01	1	11/02/73	33-18-03	2	11/02/73	33-43-02	3	11/02/73
33-14-01	2	11/02/73	33-18-03	3	11/02/73	33-44-01	1	11/02/73
33-14-01	3	11/02/73	33-20-01	1	11/02/73	33-44-01	2	11/02/73
33-15-01	1	11/02/73	33-20-01	2	11/02/73	33-44-01	3	11/02/73
33-15-01	2	11/02/73	33-20-01	3	11/02/73	33-45-01	1	11/02/73
33-15-01	3	11/02/73	33-20-02	1	11/02/73	33-45-01	2	11/02/73
33-15-02	1	11/02/73	33-20-02	2	11/02/73	33-45-01	3	11/02/73
33-15-02	2	11/02/73	33-20-02	3	11/02/73	33-45-02	1	11/02/73
33-15-02	3	11/02/73	33-40-01	1	11/02/73	33-45-02	2	11/02/73
33-15-03	1	11/02/73	33-40-01	2	11/02/73	33-45-02	3	11/02/73

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Pilots Instrument Lights	33-11-01	1 thru 3
Copilots Instruments Lights	33-12-01	1 thru 3
Copilots Map Lights	33-13-01	1 thru 3
Engine Instrument Lights	33-14-01	1 thru 3
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“END”

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33-10-01
ANNUNCIATOR

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY							USABLE ON CODE	
			1	2	3	4	5	6	7		
10-01 - 1	60-384031-1	PANEL,ANNUNCIATOR								1	
- 2	MS26574-5	CIRCUIT BREAKER,ANNUNCIATOR								1	
- 3	F108-25 OHM	RESISTOR								1	
- 4	30 OHM 3 WATT	RESISTOR,TYPE 3768								1	
- 5	50-380048-1	RELAY,ANNUNCIATOR PANEL DIMMING								1	
- 6	PM6	SWITCH,ANNUNCIATOR PANEL TEST								1	
- 7	2200B	TERMINAL BOARD								1	
- 8	60-364000-23	DIODE ASSY,ANNUNCIATOR PANEL								1	
	1N4005	. DIODE								9	
- 9	1N4005	DIODE								1	

BEECHCRAFT
DUKE 60 SERIES
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33-11-01
PILOTS INSTRUMENT LIGHTS

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE CN CODE
			1	2	3	4	5	6	7		
11-01 - 1	A8970B2-327	POST LIGHT,OXYGEN PANEL								1	
- 2	A8970B2-327	POST LIGHT,OUTSIDE AIR TEMPERATURE INDICATOR.								1	
- 3	A6795B 327	POST LIGHT,PILOTS CLOCK /BLUE-WHITE/.								1	
- 4	20-0041-1-1495 1495	BULB,POST LIGHT								3	
- 4	20-0041-1-1495 1495	LIGHT ASSY,MAP /BLUE-WHITE/.								1	
- 5	60-324056-601	. BULB,LIGHT.								1	
- 5	60-324056-601	LIGHT ASSY,LH UPPER CONSOLE /RED LIGHTS/.								1	1
- 5	60-324056-603	LIGHT ASSY,LH UPPER CONSOLE /WHITE LIGHTS/.								1	1
- 5	60-324124-603	PRINTED CIRCUIT BOARD ASSY,LH UPPER CONSOLE								1	2
- 5	60-324057	. PRINTED CIRCUIT BOARD								1	1
- 5	60-324125	. PRINTED CIRCUIT BOARD								1	2
- 5	D158-100-4T1	. WHEAT LIGHT,RED /OPTIONAL/.								15	1
- 5	D158-100-4T1	. WHEAT LIGHT,RED /OPTIONAL/.								14	2
- 5	D158-100-5T1	. WHEAT LIGHT,BLUE-WHITE.								15	1
- 5	D158-100-5T1	. WHEAT LIGHT,BLUE-WHITE.								14	2
- 6	60-324061-601	LIGHT ASSY,LH LOWER CONSOLE /RED LIGHTS/.								1	1
- 6	60-324061-603	LIGHT ASSY,LH LOWER CONSOLE /WHITE LIGHTS/.								1	1
- 6	60-324124-603	PRINTED CIRCUIT BOARD ASSY,LH LOWER CONSOLE								1	2
- 6	60-324062	. PRINTED CIRCUIT BOARD								1	1
- 6	60-324128	. PRINTED CIRCUIT BOARD								1	2
- 6	D158-100-4T1	. WHEAT LIGHT,RED /OPTIONAL/.								4	
- 6	D158-100-5T1	. WHEAT LIGHT,BLUE-WHITE.								4	
- 7	MS27212-1-8	TERMINAL BOARD,SUBPANEL LH.								1	
- 7	114675A1-8	STRIP,TERMINAL IDENTIFICATION								1	
- 8	A8970B2-327 327	POST LIGHT,INSTRUMENT /BLUE-WHITE/.								18	
- 8	A8970B2-327 327	. BULB,LIGHT.								18	
- 9	8409	COILED CORD,PILOTS MAP LIGHT.								1	
- 10	L18366-5	SWITCH,PILOTS MAP LIGHT								1	
- 10	26119	TERMINAL,PILOTS MAP LIGHT SWITCH.								2	
- 11	C24-5506	LIGHT ASSY,COMPASS.								1	
- 11	C24-5506 327	. BULB,LIGHT.								1	

CODES OF EFFECTIVITY

1 P-4 THRU P-126 2 P-123,
EXCEPT P-123 P-127 AND AFTER

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33-12-01
COPILOTS INSTRUMENT LIGHTS

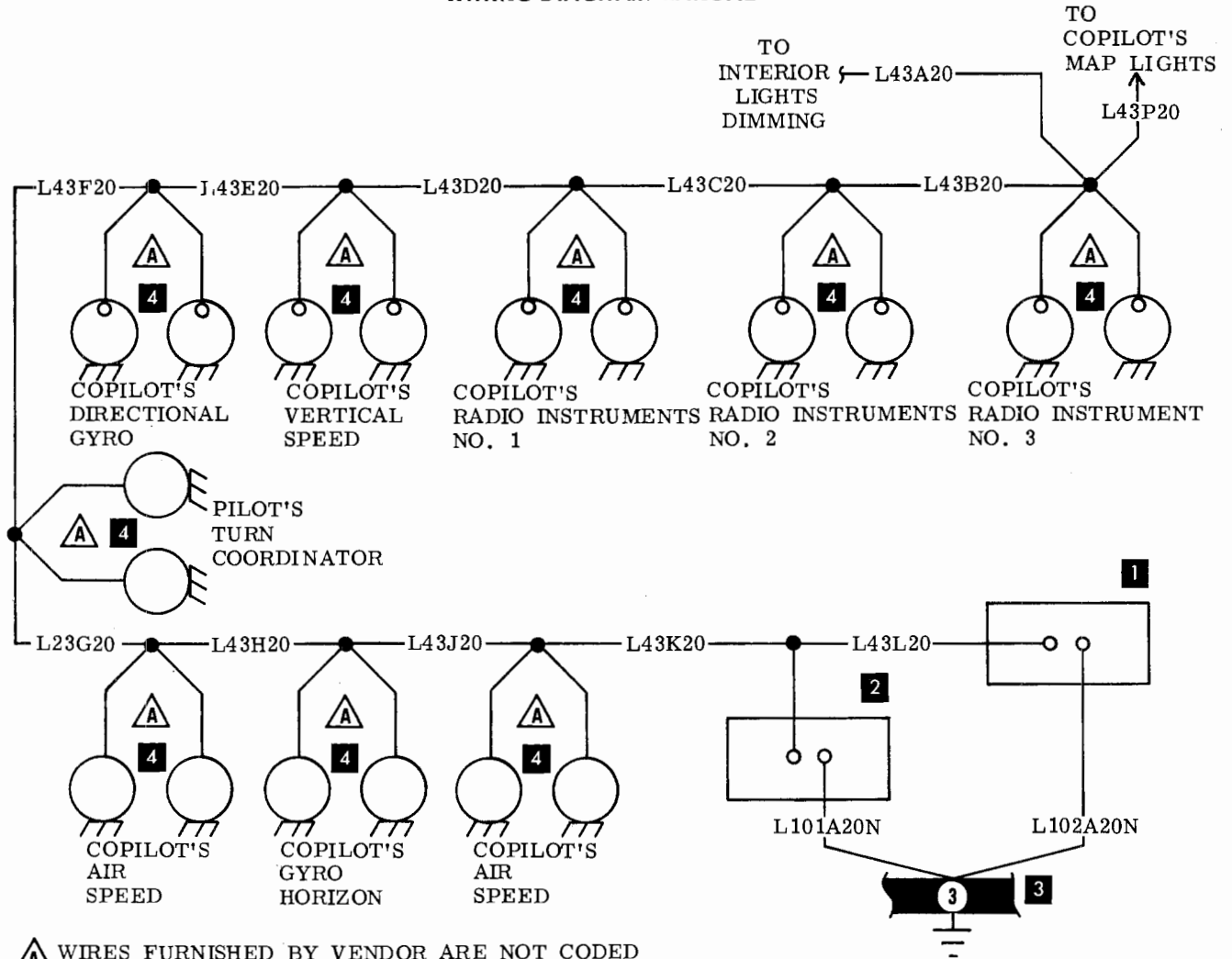
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE	
			1	2	3	4	5	6	7			
12-01 - 1	60-324067	PRINTED CIRCUIT BOARD,RH UPPER CONSOLE.								1	1	
	60-324121	PRINTED CIRCUIT BOARD,RH UPPER CONSOLE.								1	2	
	60-324131	PRINTED CIRCUIT BOARD,RH UPPER CONSOLE.								1	3	
	D158-100-5T1	WHEAT LIGHT,RH UPPER CONSOLE /WHITE/.								23	1	
	D158-100-5T1	WHEAT LIGHT,RH UPPER CONSOLE /WHITE/.								24	4	
	D158-100-4T1	WHEAT LIGHT,RH UPPER CONSOLE /RED/.								23	1	
	D158-100-4T1	WHEAT LIGHT,RH UPPER CONSOLE.								24	4	
	- 2	60-324072	PRINTED CIRCUIT BOARD,RH LOWER CONSOLE.								1	5
		60-324134	PRINTED CIRCUIT BOARD,RH LOWER CONSOLE.								1	3
		D158-100-5T1	WHEAT LIGHT,RH LOWER CONSOLE /WHITE/.								8	5
D158-100-5T1		WHEAT LIGHT,RH LOWER CONSOLE /WHITE/.								9	3	
D158-100-4T1		WHEAT LIGHT,RH LOWER CONSOLE /RED/.								8	5	
- 3	D158-100-4T1	WHEAT LIGHT,RH LOWER CONSOLE /RED/.								9	5	
	MS27212-1-8	TERMINAL BOARD,SUBPANEL RH.								1		
	114675C1-8	STRIP,TERMINAL IDENTIFICATION								1		
	A8970B2-327 327	POST LIGHT ASSY,COPILOTS INSTRUMENTS. BULB,LIGHT.								AR AR		

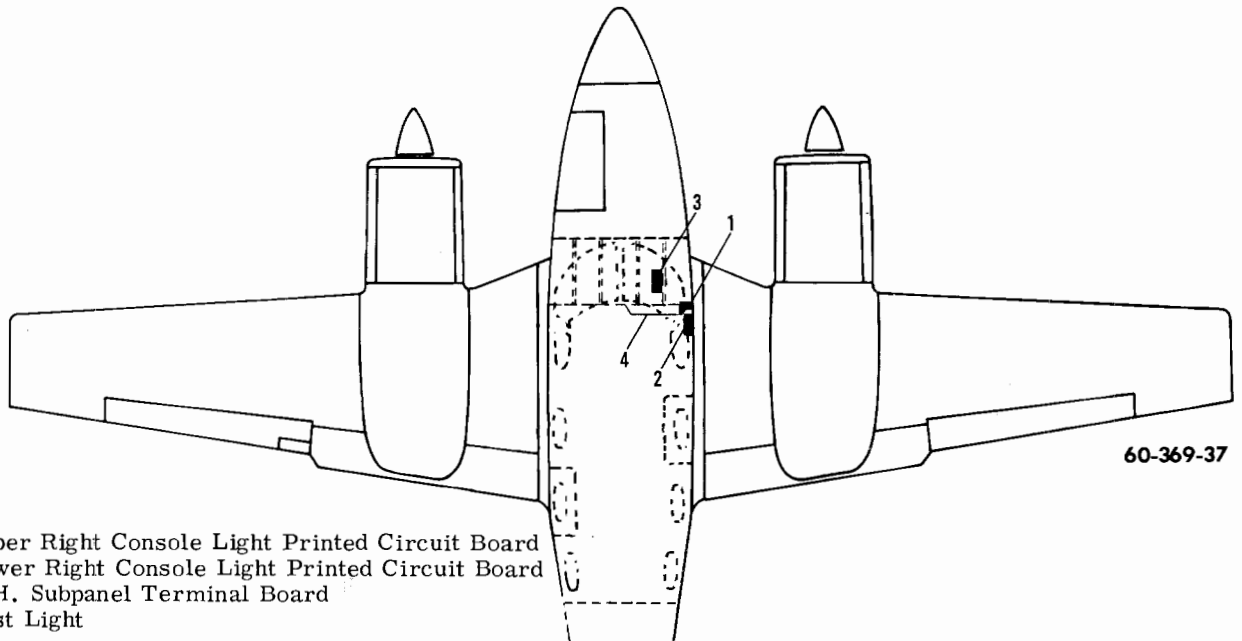
CODES OF EFFECTIVITY

- | | |
|----------------------------------|-----------------------------------|
| 1 P-4 THRU P-61 | 2 P-62 THRU P-126
EXCEPT P-123 |
| 3 P-123,
P-127 AND AFTER | 4 P-62 AND AFTER |
| 5 P-4 THRU P-126
EXCEPT P-123 | |

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A WIRES FURNISHED BY VENDOR ARE NOT CODED



- 1. Upper Right Console Light Printed Circuit Board
- 2. Lower Right Console Light Printed Circuit Board
- 3. R.H. Subpanel Terminal Board
- 4. Post Light

Copilots Instrument Lights

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

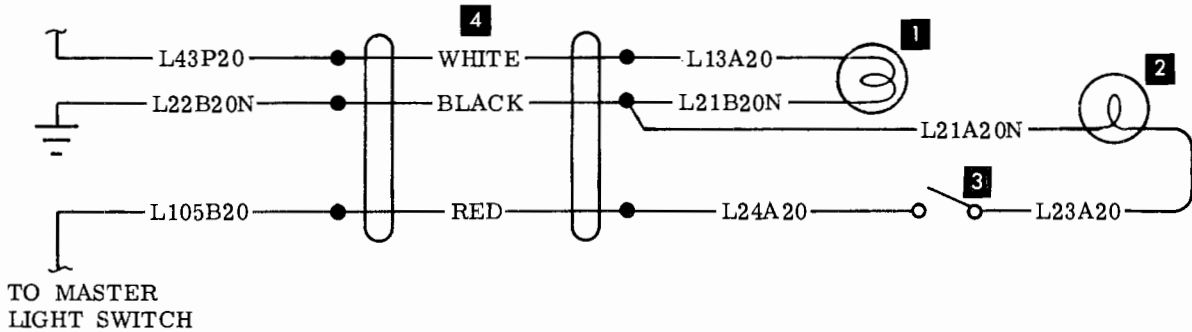
33-13-01
COPILOTS MAP LIGHTS

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

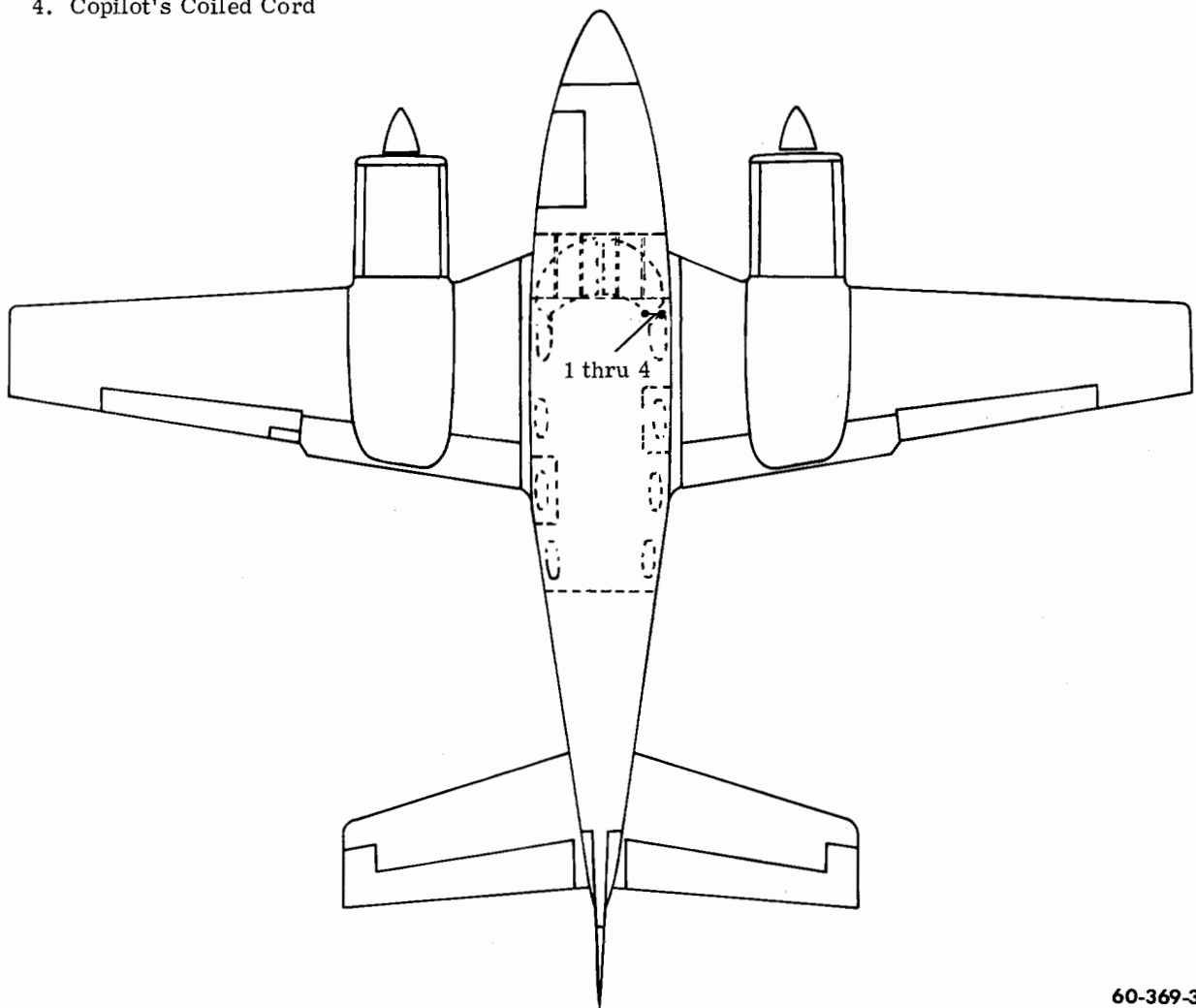
ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
13-01 - 1	A6795B	LIGHT ASSY,COPILOTS CLOCK	1	
	327	BULB,CLOCK LIGHT.	1	
- 2	20-0041-1-1495	LIGHT ASSY,COPILOTS MAP	1	
	1495	. BULB,MAP LIGHT.	1	
- 3	L18366-5	SWITCH,COPILOTS MAP LIGHT	1	
- 4	50-364344-13	CORD,CLOCK & MAP LIGHT COILED	1	

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DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

TO COPILOT'S
INSTRUMENT
LIGHTS



1. Copilot's Clock Light
2. Copilot's Map Light
3. Copilot's Map Light Switch
4. Copilot's Coiled Cord



60-369-38

Copilots Map Lights

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

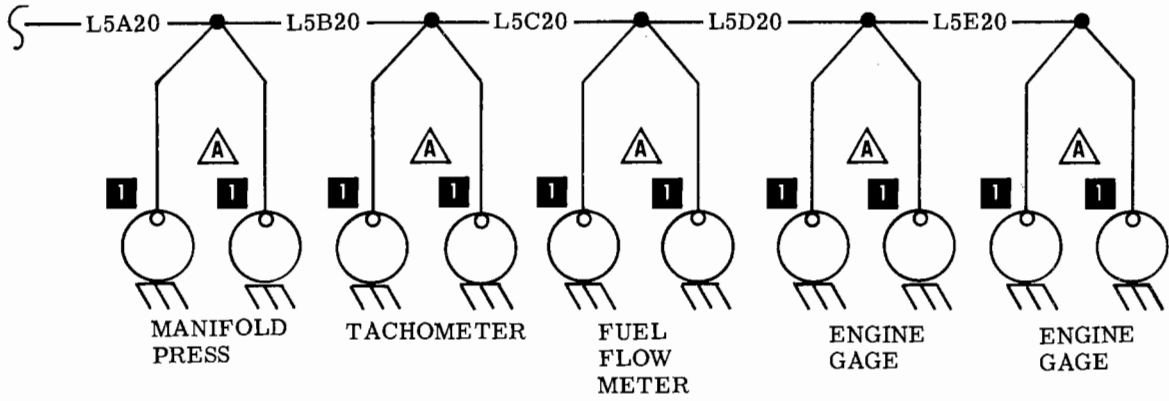
33-14-01
ENGINE INSTRUMENT LIGHTS

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	1 2 3 4 5 6 7	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
14-01 - 1	A8970B2-327 327		POST LIGHT,ENGINE INSTRUMENTS /BLUE-WHITE/ BULB,LIGHT.	10 1	

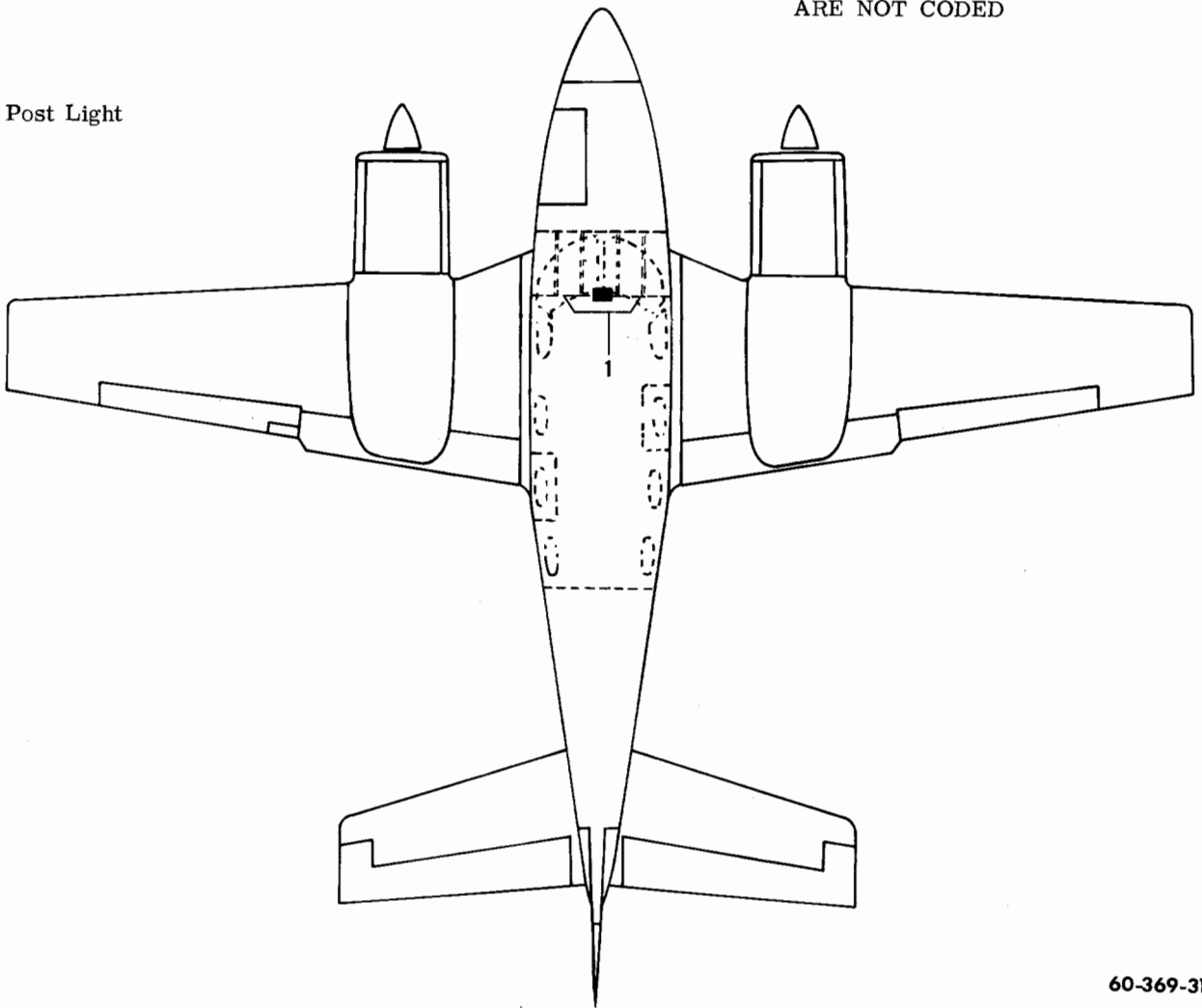
**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

TO
INTERIOR
LIGHTS
DIMMING



A WIRES FURNISHED BY VENDOR
ARE NOT CODED

1. Post Light



60-369-31

Engine Instrument Lights

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

33-15-01
INSTRUMENT FLOOD LIGHTS
P-4 THRU P-126 EXCEPT P-123

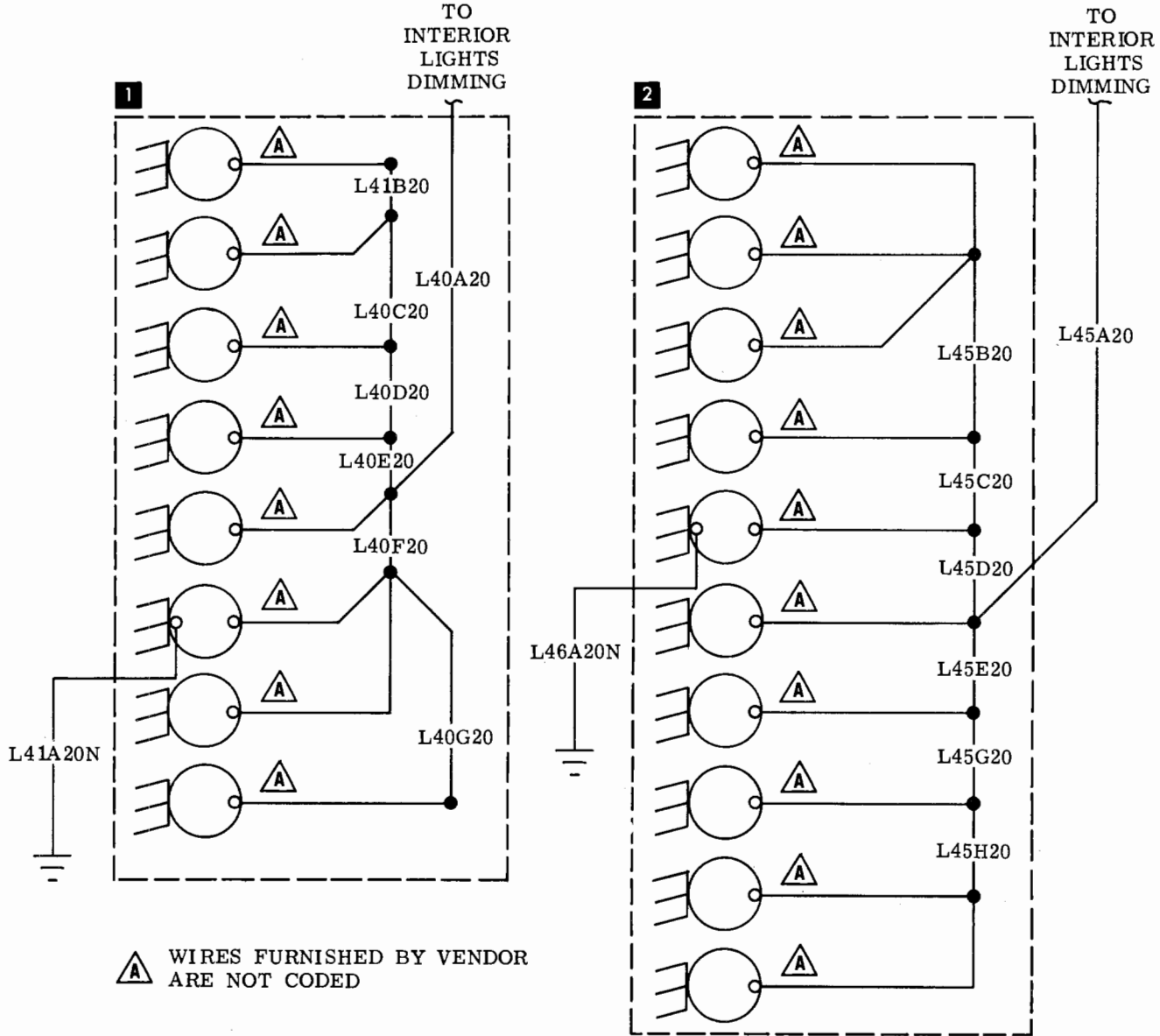
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
15-01 - 1	1864	BULB,INSTRUMENT FLOOD LIGHT /WHITE/	8	1
	4165-261	SOCKET,LIGHT BULB	8	1
- 2	1864R	BULB,INSTRUMENT FLOOD LIGHT	10	1
	4165-261	SOCKET,LIGHT BULB	10	1

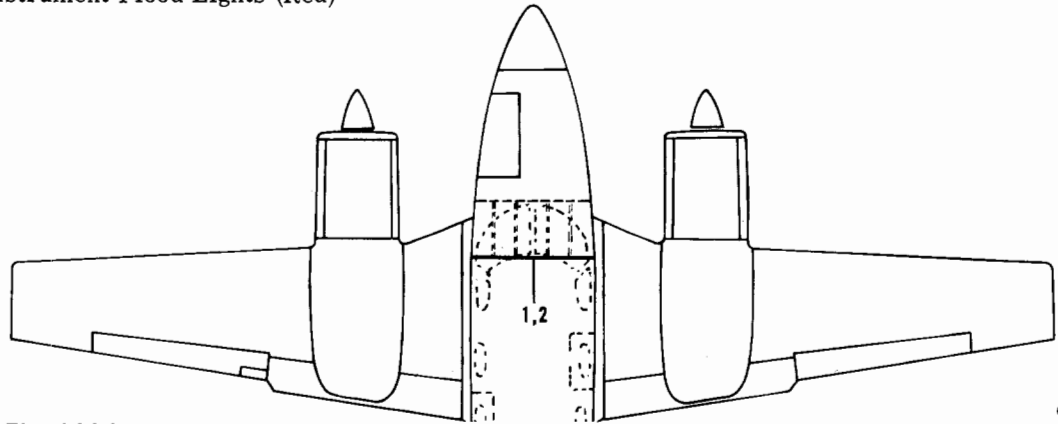
CODES OF EFFECTIVITY

1 P-4 THRU P-126
EXCEPT P-123

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



- 1. Instrument Flood Lights (White)
- 2. Instrument Flood Lights (Red)



Instrument Flood Lights
P-4 thru P-126 except P-123

60-369-36

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

33-15-02
INSTRUMENT FLOOD LIGHTS
P-123,P-127 THRU P-159

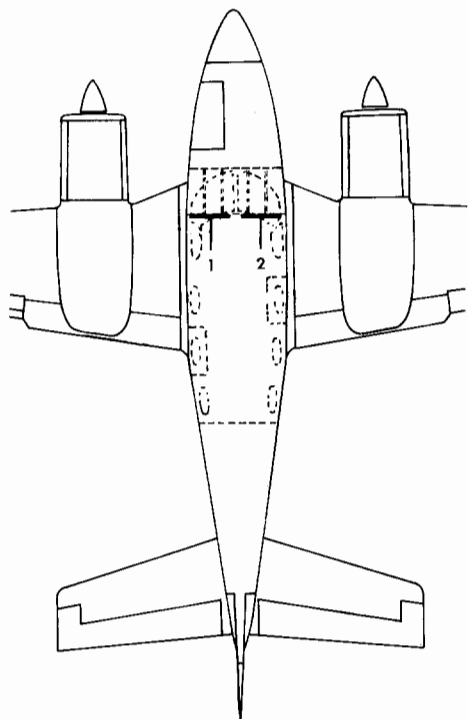
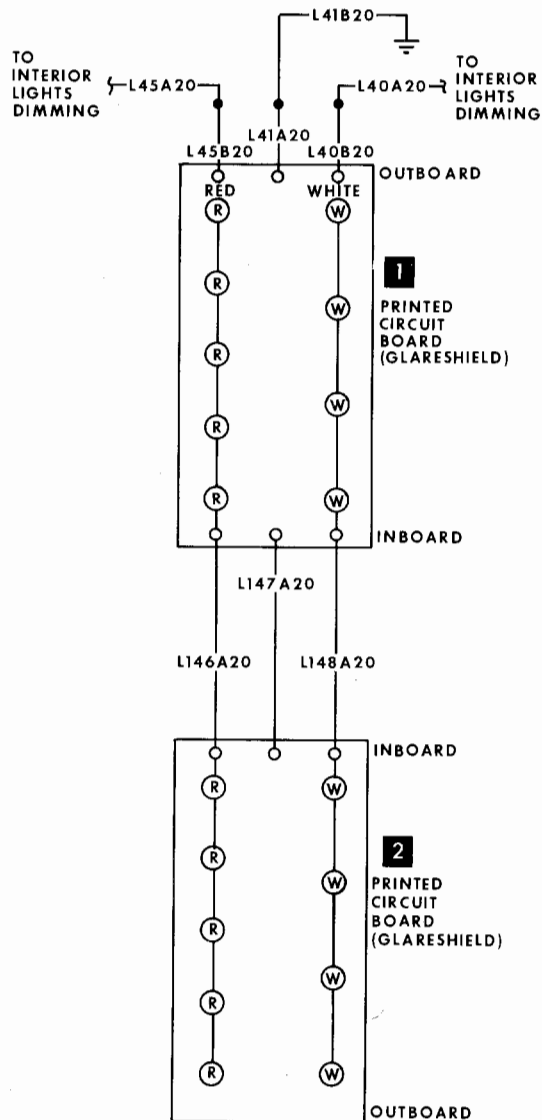
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
15-02 - 1	60-364048-3	PRINTED CIRCUIT BOARD ASSY, GLARESHIELD LH . . .	1	1
	60-364048-1	. PRINTED CIRCUIT BOARD	1	1
	60-364048-5	. SOCKET, LIGHT BULB	9	1
	1864	. BULB, LIGHT /WHITE/	4	1
	1864R	. BULB, LIGHT /RED/	5	1
	60-364048-4	PRINTED CIRCUIT BOARD ASSY, GLARESHIELD RH . . .	1	1
	60-364048-2	. PRINTED CIRCUIT BOARD	1	1
	60-364048-5	. SOCKET, LIGHT BULB	9	1
	1864	. BULB, LIGHT /WHITE/	4	1
	1864R	. BULB, LIGHT /RED/	5	1

CODES OF EFFECTIVITY

1 P-123,
P-127 THRU P-159

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A60-369-63

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

33-15-03
INSTRUMENT FLOOD LIGHTS
P-160 AND AFTER

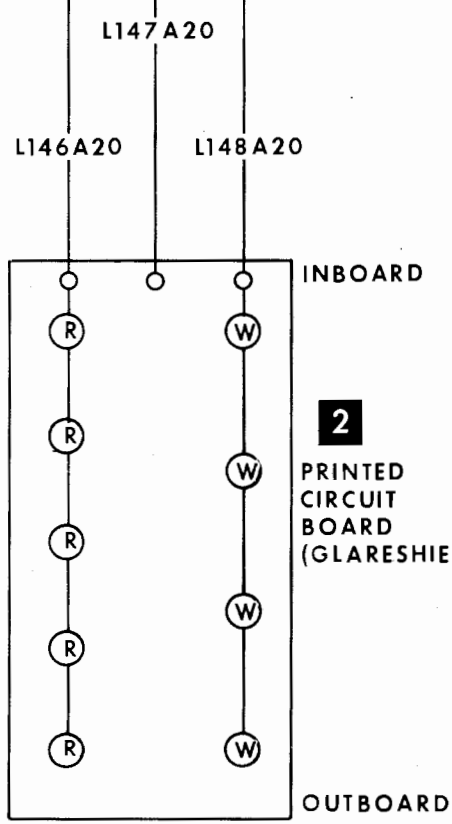
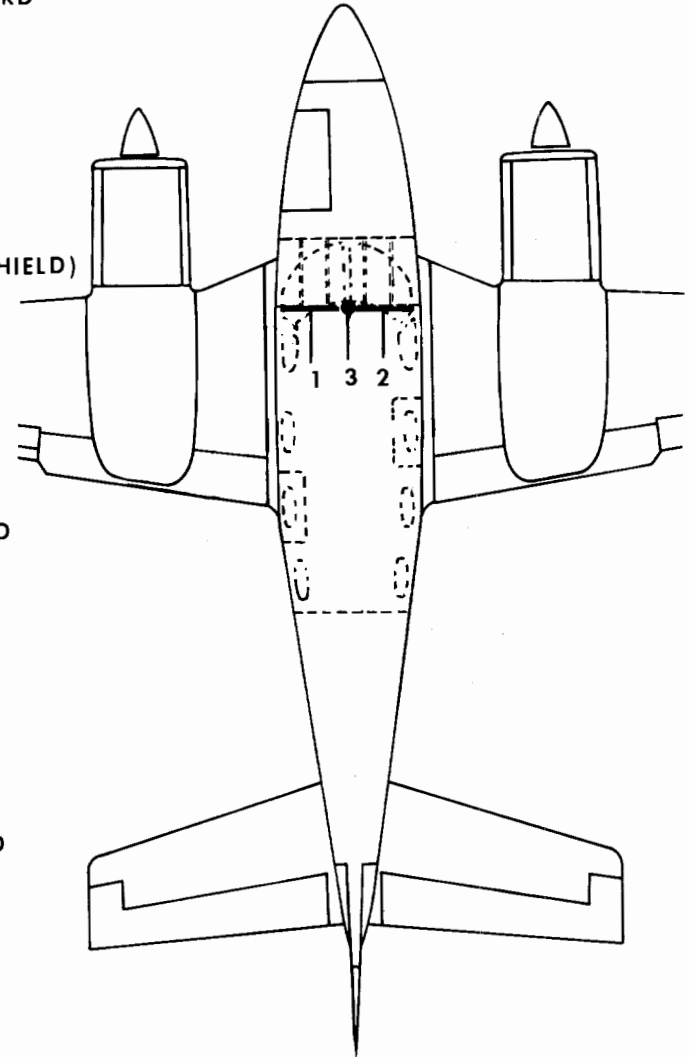
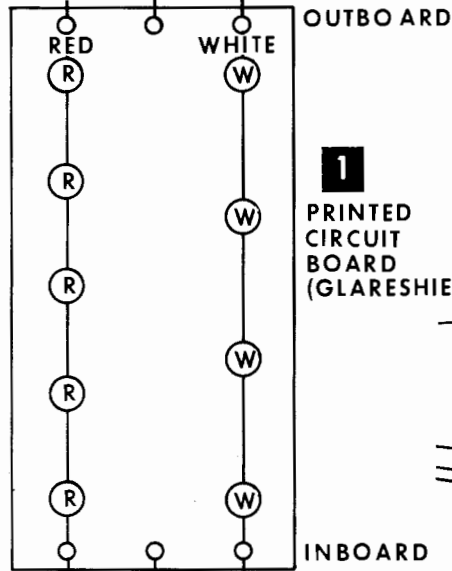
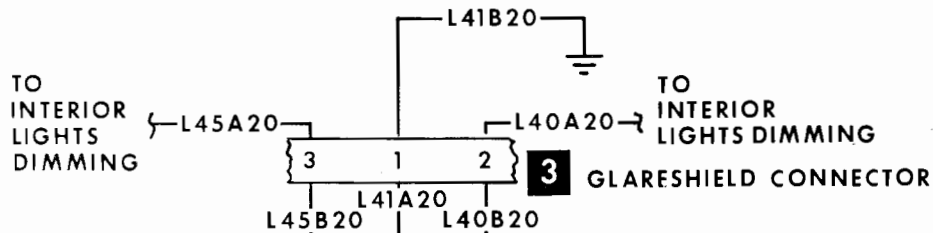
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
15-03 - 1	60-364048-3	PRINTED CIRCUIT BOARD ASSY, GLARESHIELD LH								1	1
	60-364048-1	. PRINTED CIRCUIT BOARD								1	1
	60-364048-5	. SOCKET, LIGHT BULB								9	1
	1864	. BULB, LIGHT /WHITE/.								4	1
	1864R	. BULB, LIGHT /RED/.								5	1
- 2	60-364048-4	PRINTED CIRCUIT BOARD ASSY, GLARESHIELD RH								1	1
	60-364048-2	. PRINTED CIRCUIT BOARD								1	1
	60-364048-5	. SOCKET, LIGHT BULB								9	1
	1864	. BULB, LIGHT /WHITE/.								4	1
	1864R	. BULB, LIGHT /RED/.								5	1
- 3	60-364000-67	RECEPTACLE, GLARESHIELD CONNECTOR.								1	1
	60-364000-69	PLUG, GLARESHIELD CONNECTOR.								1	1

CODES OF EFFECTIVITY

1 P-160 AND AFTER

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



A60-369-63A

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

33-16-01
SUBPANEL LIGHTS

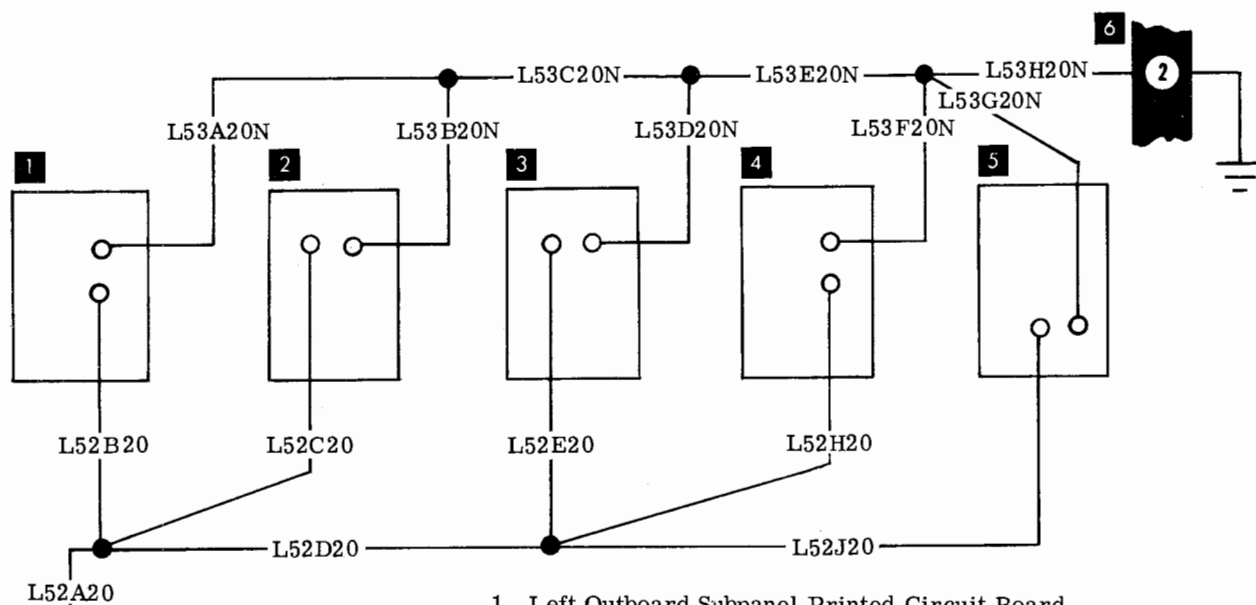
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
			1	2	3	4	5	6	7		
16-01 - 1	60-324026-603	PC BOARD ASSY,LH OUTBD SUBPANEL								1	
	60-324093	. PRINTED CIRCUIT BOARD								1	
	D158-100-4T1	. WHEAT LIGHT /RED/								14	
	D158-100-5T1	. WHEAT LIGHT /WHITE/								14	
- 2	60-324037-603	PC BOARD ASSY,LH INBD SUBPANEL								1	
	60-324032	. PRINTED CIRCUIT BOARD								1	
	D158-100-4T1	. WHEAT LIGHT /RED/								16	
	D158-100-5T1	. WHEAT LIGHT /WHITE/								16	
- 3	60-324028-601	PC BOARD ASSY,CENTER SUBPANEL /RED LIGHTS/								1	1
	60-324028-603	PC BOARD ASSY,CENTER SUBPANEL /WHITE LIGHTS/								1	1
	60-324101-601	PC BOARD ASSY,CENTER SUBPANEL								1	2
	60-324033	. PRINTED CIRCUIT BOARD								1	1
	60-324102	. PRINTED CIRCUIT BOARD								1	2
	D158-100-4T1	. WHEAT LIGHT /RED/								15	
	D158-100-5T1	. WHEAT LIGHT /WHITE/								15	
- 4	60-324029-601	PC BOARD ASSY,RH INBD SUBPANEL /RED LIGHTS/								1	3
	60-324029-603	PC BOARD ASSY,RH INBD SUBPANEL /WHITE LIGHTS/								1	3
	60-324098-601	PC BOARD ASSY,RH INBD SUBPANEL								1	4
	60-324034	. PRINTED CIRCUIT BOARD								1	3
	60-324099	. PRINTED CIRCUIT BOARD								1	4
	D158-100-4T1	. WHEAT LIGHT /RED/								19	
	D158-100-5T1	. WHEAT LIGHT /WHITE/								19	
- 5	60-324095-601	PC BOARD ASSY,RH OUTBD SUBPANEL								1	
	60-324096	. PRINTED CIRCUIT BOARD								1	
	D158-100-4T1	. WHEAT LIGHT /RED/								25	
	D158-100-5T1	. WHEAT LIGHT /WHITE/								25	
- 6	MS27212-1-8	TERMINAL BOARD,SUBPANEL RH.								1	
	114675C1-8	STRIP,TERMINAL IDENTIFICATION								1	

CODES OF EFFECTIVITY

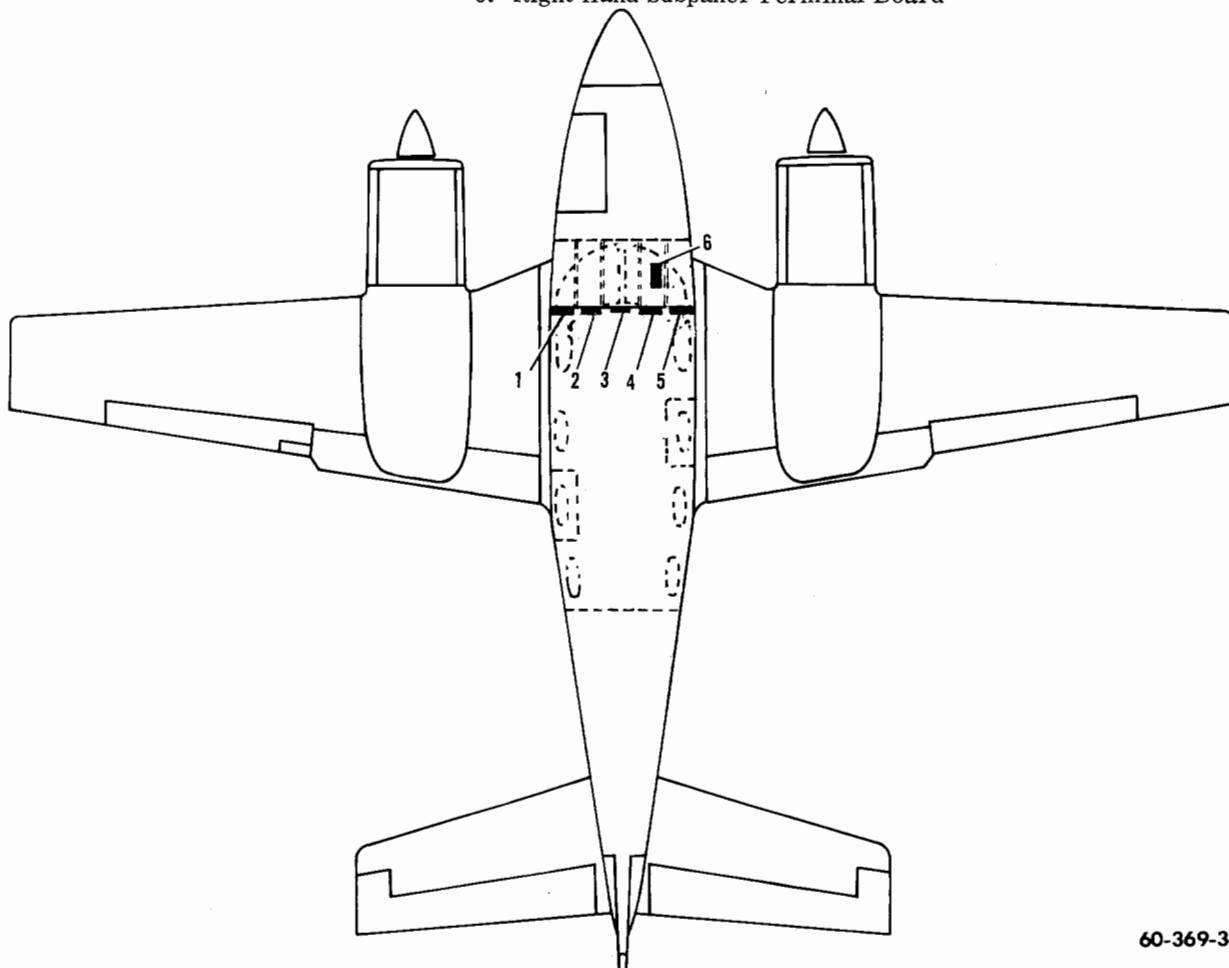
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|------------------|-------------------|
| 1 P-4 THRU P-82 | 2 P-83 AND AFTER |
| 3 P-4 THRU P-185 | 4 P-186 AND AFTER |

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



L52A20
TO
INTERIOR
LIGHTS
DIMMING

1. Left Outboard Subpanel Printed Circuit Board
2. Left Inboard Subpanel Printed Circuit Board
3. Center Subpanel Printed Circuit Board
4. Right Hand Inboard Subpanel Printed Circuit Board
5. Right Hand Outboard Subpanel Printed Circuit Board
6. Right Hand Subpanel Terminal Board



Subpanel Lights

60-369-34

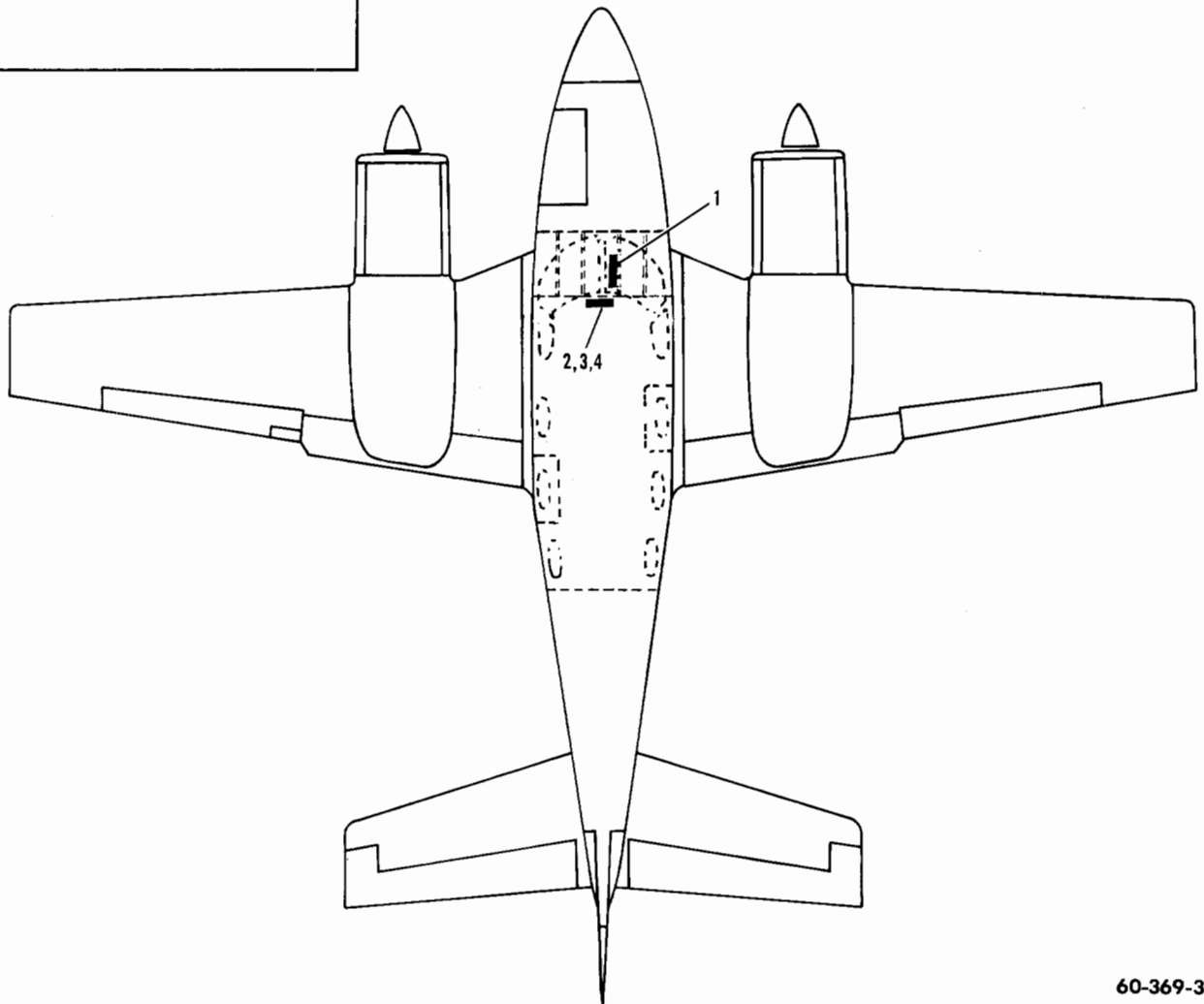
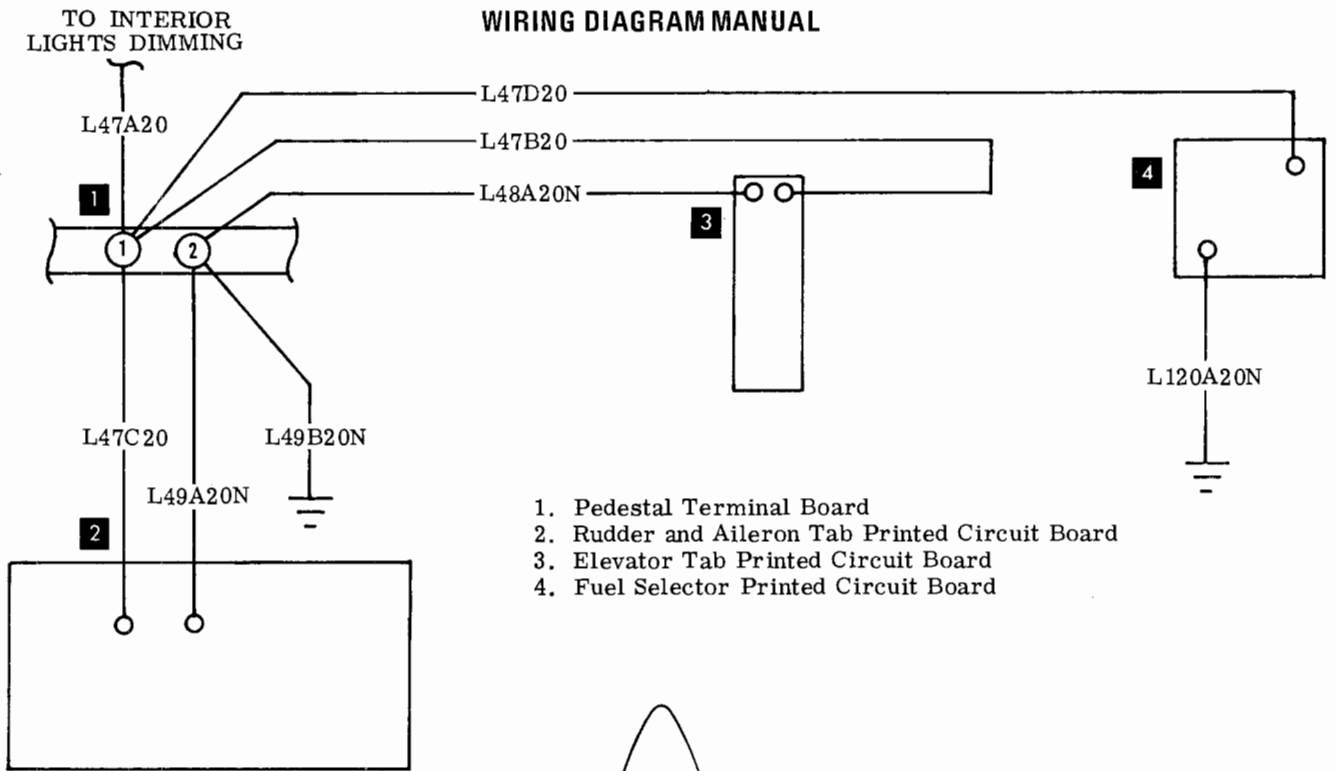
BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

33-17-01
PEDESTAL LIGHTS

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION							UNITS PER ASSY	USABLE ON CODE
		1	2	3	4	5	6	7		
17-01 - 1	MS27212-1-8	TERMINAL BOARD,PEDESTAL							1	
- 2	60-524106-601	PC BOARD ASSY,RUDDER & AILERON TAB /RED LIGHTS/							1	
	60-524106-603	PC BOARD ASSY,RUDDER & AILERON TAB/WHITE LIGHT/							1	
	60-524108	. PRINTED CIRCUIT BOARD							1	
	D158-100-4T1	. WHEAT LIGHT /RED/							4	
	D158-100-5T1	. WHEAT LIGHT /WHITE/							4	
- 3	60-524109-603	PRINTED CIRCUIT BOARD ASSY,ELEVATOR TAB							1	
	60-524109-1	. PANEL							1	
	60-524110-1	. PRINTED CIRCUIT BOARD							1	
	D158-100-4T1	. WHEAT LIGHT /RED/							3	
	D158-100-5T1	. WHEAT LIGHT /WHITE/							3	
- 4	60-369020-601	PC BOARD ASSY,FUEL SELECTOR /RED LIGHTS/							1	
	60-369020-603	PC BOARD ASSY,FUEL SELECTOR /WHITE LIGHTS/							1	
	60-369021	. PRINTED CIRCUIT BOARD							1	
	D158-100-4T1	. WHEAT LIGHT /RED/							7	
	D158-100-5T1	. WHEAT LIGHT /WHITE/							7	

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



Pedestal Lights

60-369-35

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

33-18-01
INTERIOR LIGHTS DIMMING
P-4 THRU P-61

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
18-01 - 1	MS26574-5	CIRCUIT BREAKER,SUBPANEL LIGHTS								1	1
- 2	MS26574-5	CIRCUIT BREAKER,COPILOTS INSTRUMENT LIGHTS. . .								1	1
- 3	MS26574-5	CIRCUIT BREAKER,PILOTS INSTRUMENT LIGHTS. . . .								1	1
- 4	35-380053-653	SWITCH ASSY,MASTER LIGHT.								1	1
- 5	60-364025-15	SWITCH ASSY,SUBPANEL LIGHTS DIMMING								1	1
- 6	60-364025-19	SWITCH ASSY,PEDESTAL LIGHTS DIMMING								1	1
- 7	60-364025-7	SWITCH ASSY,RED FLOOD LIGHTS DIMMING.								1	1
- 8	60-364025-9	SWITCH ASSY,COPILOTS INSTRUMENT LIGHTS DIMMING.								1	1
- 9	60-364025-17	SWITCH ASSY,RADIO LIGHTS DIMMING.								1	1
- 10	60-364025-13	SWITCH ASSY,ENGINE INSTRUMENT LIGHTS DIMMING. .								1	1
- 11	60-364025-11	SWITCH ASSY,WHITE FLOOD LIGHTS DIMMING.								1	1
- 12	60-364025-5	SWITCH ASSY,PILOTS INSTRUMENT LIGHTS DIMMING. .								1	1
	MTTD200-384	. SWITCH ASSY								8	1
- 13	RC32GF101J	RESISTOR,DIMMING BIAS								8	1
- 14	50-364308-127	TRANSISTOR ASSY,INTERIOR LIGHTS DIMMING								8	1

CODES OF EFFECTIVITY

1 P-4 THRU P-61

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

33-18-02
INTERIOR LIGHTS DIMMING
P-62 THRU P-214

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
18-02 - 1	MS26574-5	CIRCUIT BREAKER, SUBPANEL LIGHTS								1	1
- 2	MS26574-5	CIRCUIT BREAKER, COPILOTS INSTRUMENT LIGHTS.								1	1
- 3	MS26574-5	CIRCUIT BREAKER, PILOTS INSTRUMENT LIGHTS.								1	1
- 4	35-380053-653	SWITCH ASSY, MASTER LIGHT.								1	1
- 5	60-364025-15	SWITCH ASSY, SUBPANEL LIGHTS DIMMING								1	1
- 6	60-364025-19	SWITCH ASSY, PEDESTAL LIGHTS DIMMING								1	1
- 7	60-364025-7	SWITCH ASSY, RED FLOOD LIGHTS DIMMING.								1	1
- 8	60-364025-9	SWITCH ASSY, COPILOTS INSTRUMENT LIGHTS DIMMING.								1	1
- 9	60-364025-17	SWITCH ASSY, RADIO LIGHTS DIMMING.								1	1
- 10	60-364025-13	SWITCH ASSY, ENGINE INSTRUMENT LIGHTS DIMMING.								1	1
- 11	60-364025-11	SWITCH ASSY, WHITE FLOOD LIGHTS DIMMING.								1	1
- 12	60-364025-5	SWITCH ASSY, PILOTS INSTRUMENT LIGHTS DIMMING.								1	1
	MTTD200-384	. SWITCH ASSY								8	1
- 13	RC32GF101J	RESISTOR, DIMMING BIAS								8	1
- 14	50-364308-127	TRANSISTOR ASSY, INTERIOR LIGHTS DIMMING								8	1
- 15	MS26574-5	CIRCUIT BREAKER, WHITE FLOOD LIGHTS.								1	1

CODES OF EFFECTIVITY

1 P-62 THRU P-214

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

33-18-03
INTERIOR LIGHTS DIMMING
P-215 AND AFTER

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION							UNITS PER ASSY	USABLE ON CODE
		1	2	3	4	5	6	7		
18-03 - 1	MS26574-5	CIRCUIT BREAKER, SUBPANEL LIGHTS							1	1
- 2	MS26574-5	CIRCUIT BREAKER, COPILOTS INSTRUMENT LIGHTS.							1	1
- 3	MS26574-5	CIRCUIT BREAKER, PILOTS INSTRUMENT LIGHTS.							1	1
- 4	35-380053-653	SWITCH ASSY, MASTER LIGHT.							1	1
- 5	60-364025-15	SWITCH ASSY, SUBPANEL LIGHTS DIMMING							1	1
- 6	60-364025-19	SWITCH ASSY, PEDESTAL LIGHTS DIMMING							1	1
- 7	60-364025-7	SWITCH ASSY, RED FLOOD LIGHTS DIMMING.							1	1
- 8	60-364025-9	SWITCH ASSY, COPILOTS INSTRUMENT LIGHTS DIMMING.							1	1
- 9	60-364025-17	SWITCH ASSY, RADIO LIGHTS DIMMING.							1	1
- 10	60-364025-13	SWITCH ASSY, ENGINE INSTRUMENT LIGHTS DIMMING.							1	1
- 11	60-364025-11	SWITCH ASSY, WHITE FLOOD LIGHTS DIMMING.							1	1
- 12	60-364025-5	SWITCH ASSY, PILOTS INSTRUMENT LIGHTS DIMMING.							1	1
	MTTD200-384	. SWITCH ASSY							8	1
- 13	RC32GF101J	RESISTOR, DIMMING BIAS							8	1
- 14	60-364054-1	TRANSISTOR ASSY, INTERIOR LIGHTS DIMMING							1	1
	2N3055	. TRANSISTOR.							8	1
- 15	MS26574-5	CIRCUIT BREAKER, WHITE FLOOD LIGHTS.							1	1
- 16	MRA20S-67H8V	SOCKET, TRANSISTOR ASSY CONNECTOR.							1	1
	MRA20P-67H8VL	PLUG, TRANSISTOR ASSY CONNECTOR.							1	1

CODES OF EFFECTIVITY

1 P-215 AND AFTER

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

33-20-01
DOME AND READING LIGHTS
P-4 THRU P-246

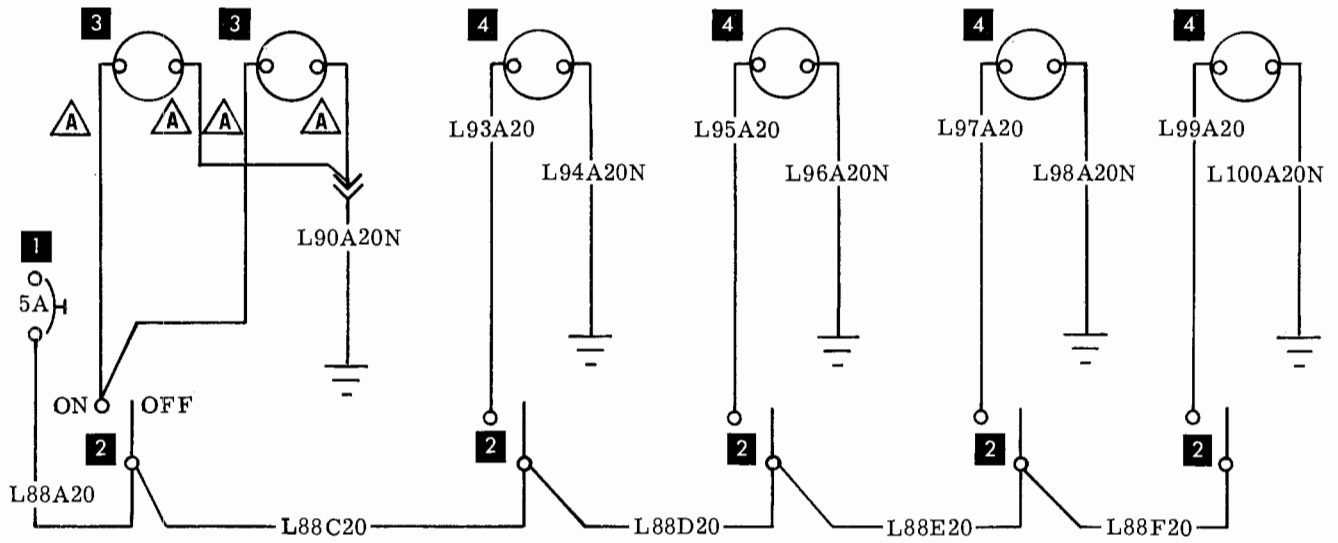
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION								UNITS PER ASSY	USABLE ON CODE
			1	2	3	4	5	6	7		
20-01 - 1	MS26574-5	CIRCUIT BREAKER, DOME & READING LIGHT.								1	1
- 2	L18366-3	SWITCH, READING LIGHT.								5	1
- 3	MS25231-313	BULB, PILOT & COPILOT READING LIGHT.								2	1
	2506	SOCKET, PILOT & COPILOT READING LIGHT.								2	1
- 4	1863	LIGHT ASSY, READING.								4	1

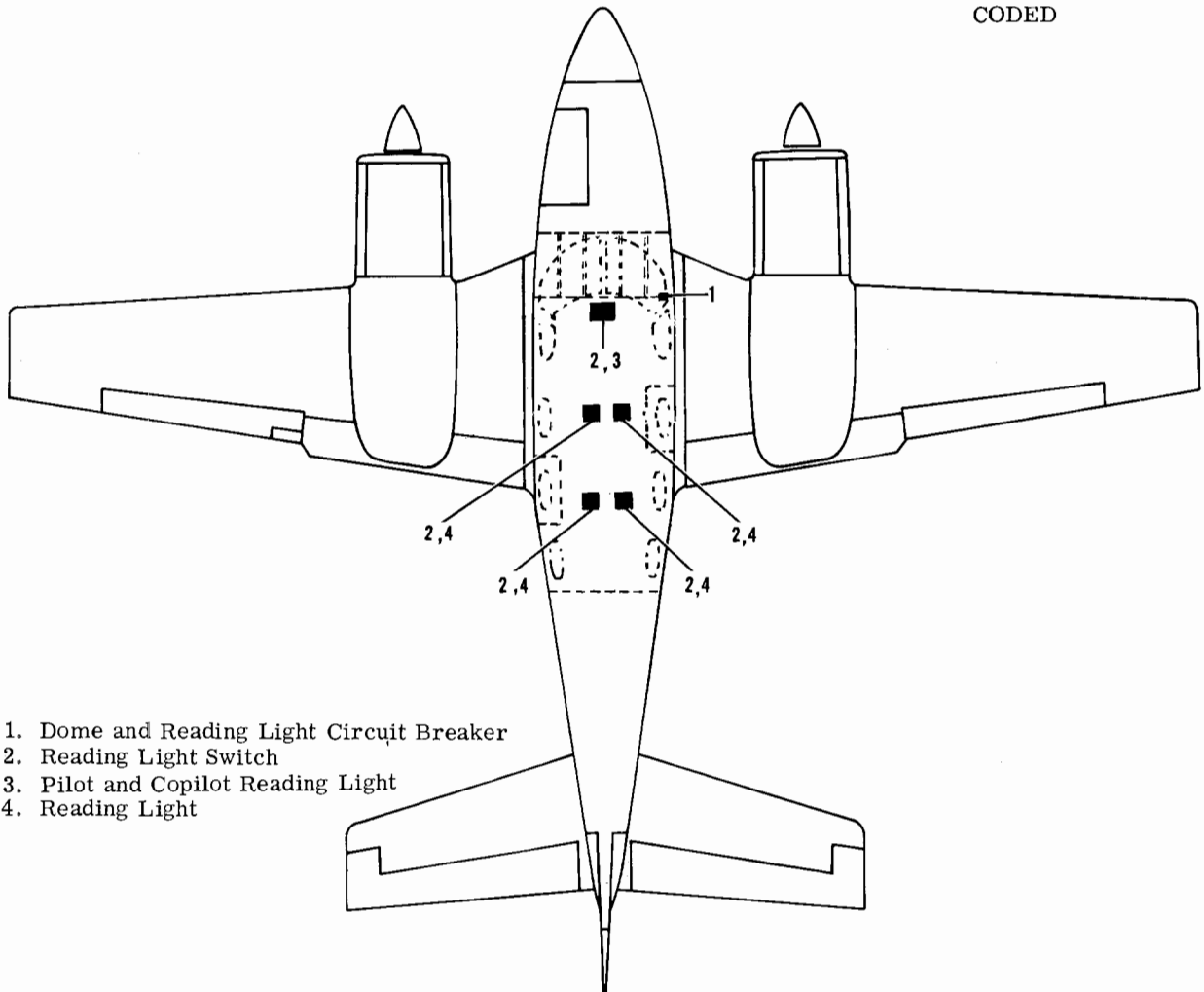
CODES OF EFFECTIVITY

1 P-4 THRU P-246

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



△ WIRES FURNISHED BY VENDOR ARE NOT CODED



- 1. Dome and Reading Light Circuit Breaker
- 2. Reading Light Switch
- 3. Pilot and Copilot Reading Light
- 4. Reading Light

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

33-20-02
DOME AND READING LIGHTS
P-247 AND AFTER

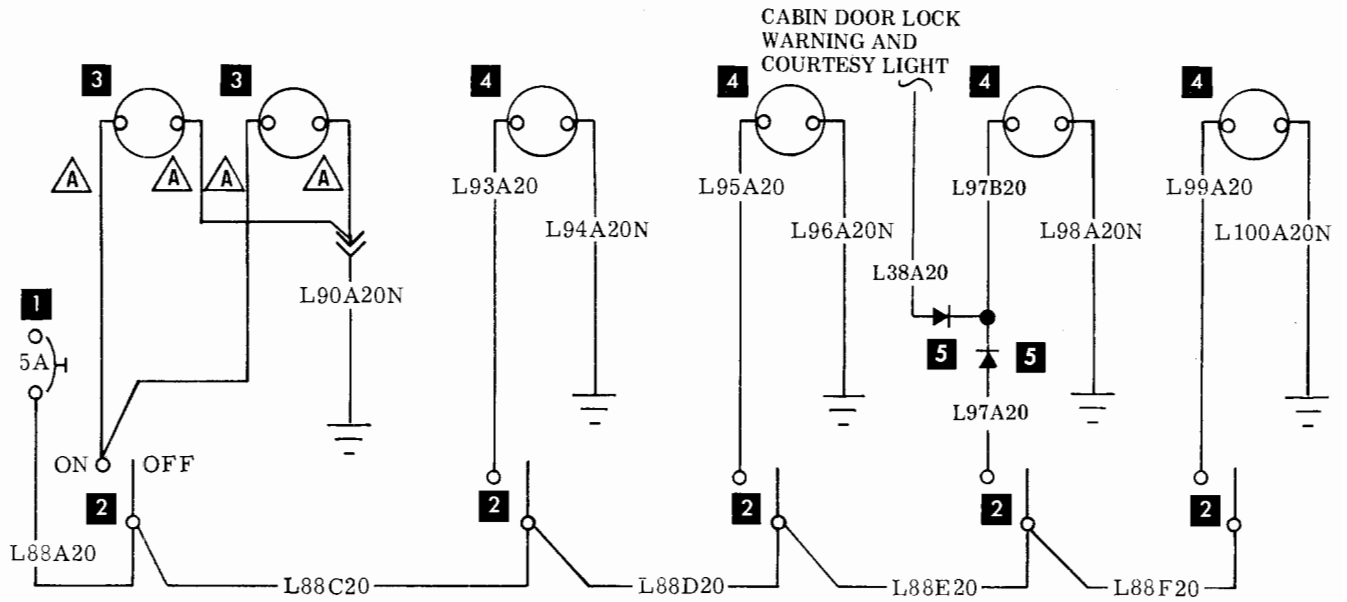
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
20-02 - 1	MS26574-5	CIRCUIT BREAKER, DOME & READING LIGHT.								1	1
- 2	L18366-3	SWITCH, READING LIGHT.								5	1
- 3	MS25231-313	BULB, PILOT & COPILOT READING LIGHT.								2	1
	2506	SOCKET, PILOT & COPILOT READING LIGHT.								2	1
- 4	1863	LIGHT ASSY, READING.								4	1
- 5	1N4005	DIODE								2	1

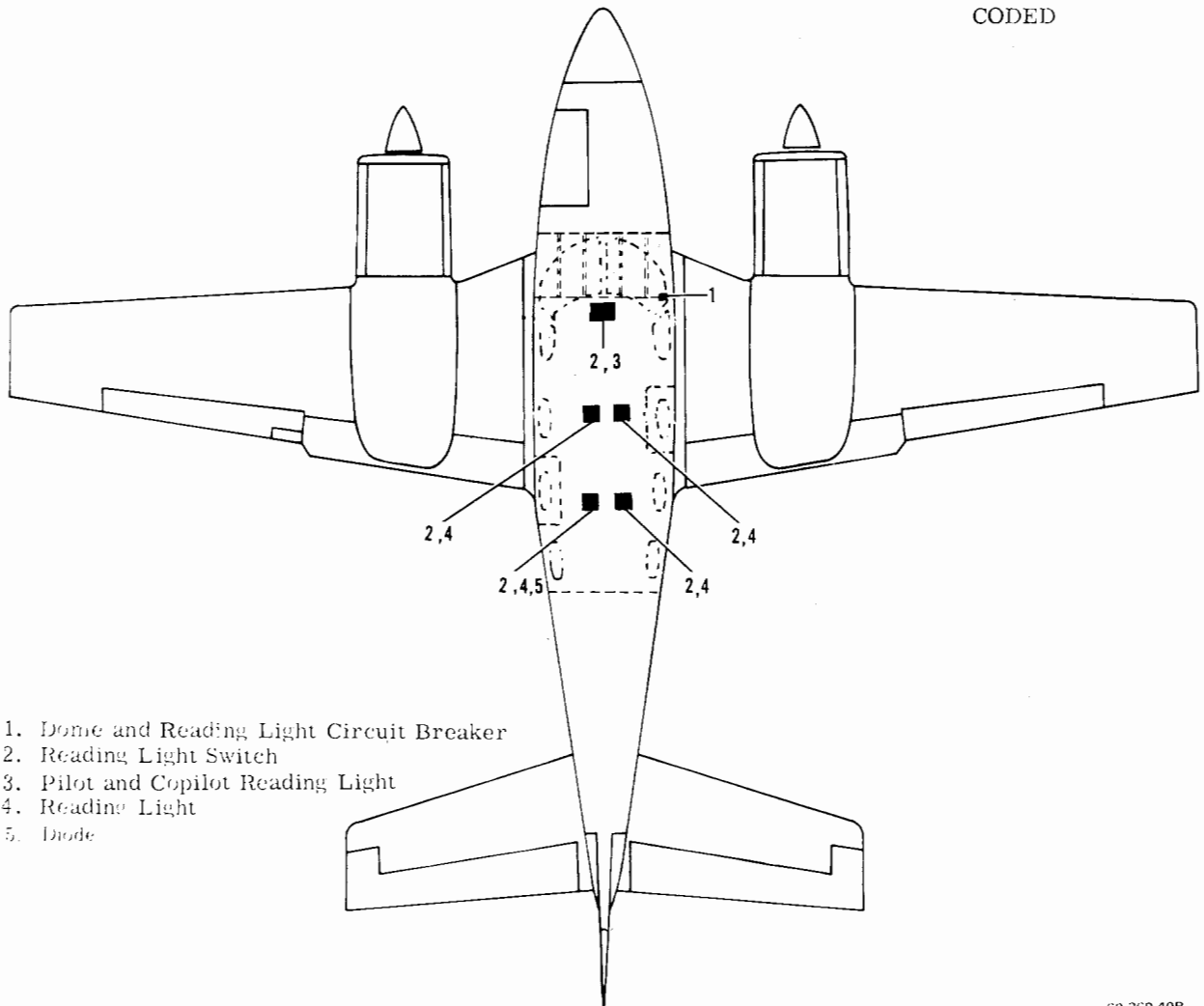
CODES OF EFFECTIVITY

1 P-247 AND AFTER

BEECHCRAFT DUKE 60 SERIES WIRING DIAGRAM MANUAL



A WIRES FURNISHED
BY VENDOR ARE NOT
CODED



1. Dome and Reading Light Circuit Breaker
2. Reading Light Switch
3. Pilot and Copilot Reading Light
4. Reading Light
5. Diode

60 369 40B

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

33-40-01
WING ICE LIGHT
P-4 THRU P-165

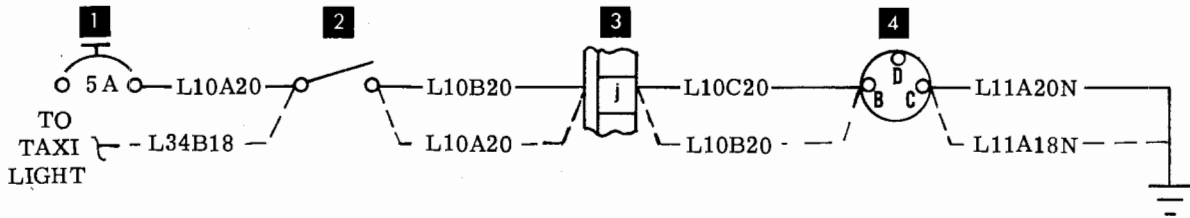
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
			1	2	3	4	5	6	7		
40-01 - 1	MS26574-5	CIRCUIT BREAKER,WING ICE LIGHT.								1	1
- 2	35-380053-654	SWITCH ASSY,WING ICE LIGHT CONTROL.								1	2
- 3	PT07E22-41S	CONNECTOR,FUSELAGE LH WING ACCESSORIES.								1	2
	PT06A22-41P	CONNECTOR,FUSELAGE LH WING ACCESSORIES.								1	2
	AN960-2616L	WASHER,CONNECTOR.								1	2
- 4	MS25318-1	LIGHT ASSY,WING ICE								1	2
	A7796A24	. BULB,WING ICE LIGHT								1	2

CODES OF EFFECTIVITY

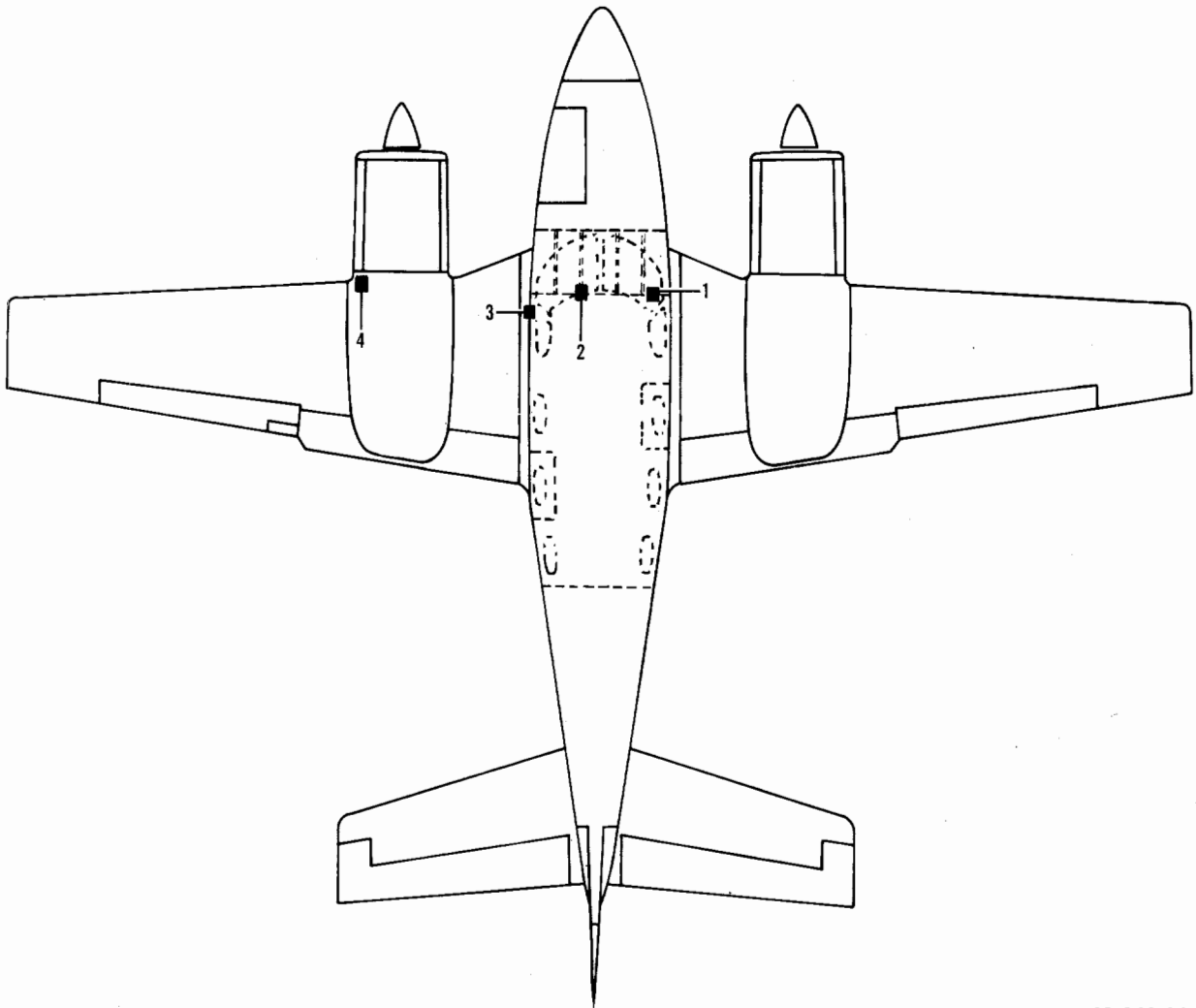
1 P-4 THRU P-61 2 P-4 THRU P-165

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



--- P-62 AND AFTER

1. Circuit Breaker (P-1 thru P-61)
2. Control Switch
3. L. H. Fuselage Wing Accessories Connector
4. L. H. Wing Ice Light



60-369-30

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

33-40-02
WING ICE LIGHT
P-166 AND AFTER

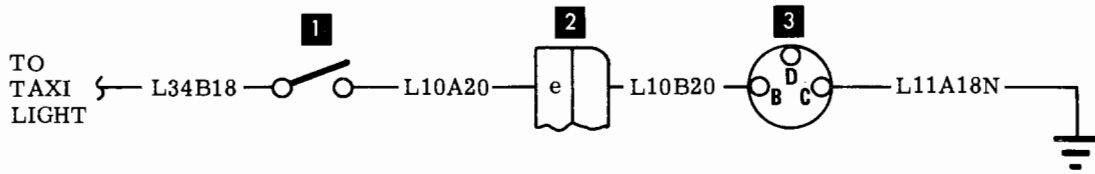
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
40-02 - 1	35-380053-654	SWITCH ASSY,WING ICE LIGHT CONTROL.								1	1
- 2	PT07E22-41S	CONNECTOR,FUSELAGE LH WING ACCESSORIES.								1	1
	PT06A22-41P	CONNECTOR,FUSELAGE LH WING ACCESSORIES.								1	1
	AN960-2616L	WASHER,CONNECTOR.								1	1
- 3	MS25318-1	LIGHT ASSY,WING ICE								1	1
	A7796A24	. BULB,WING ICE LIGHT								1	1

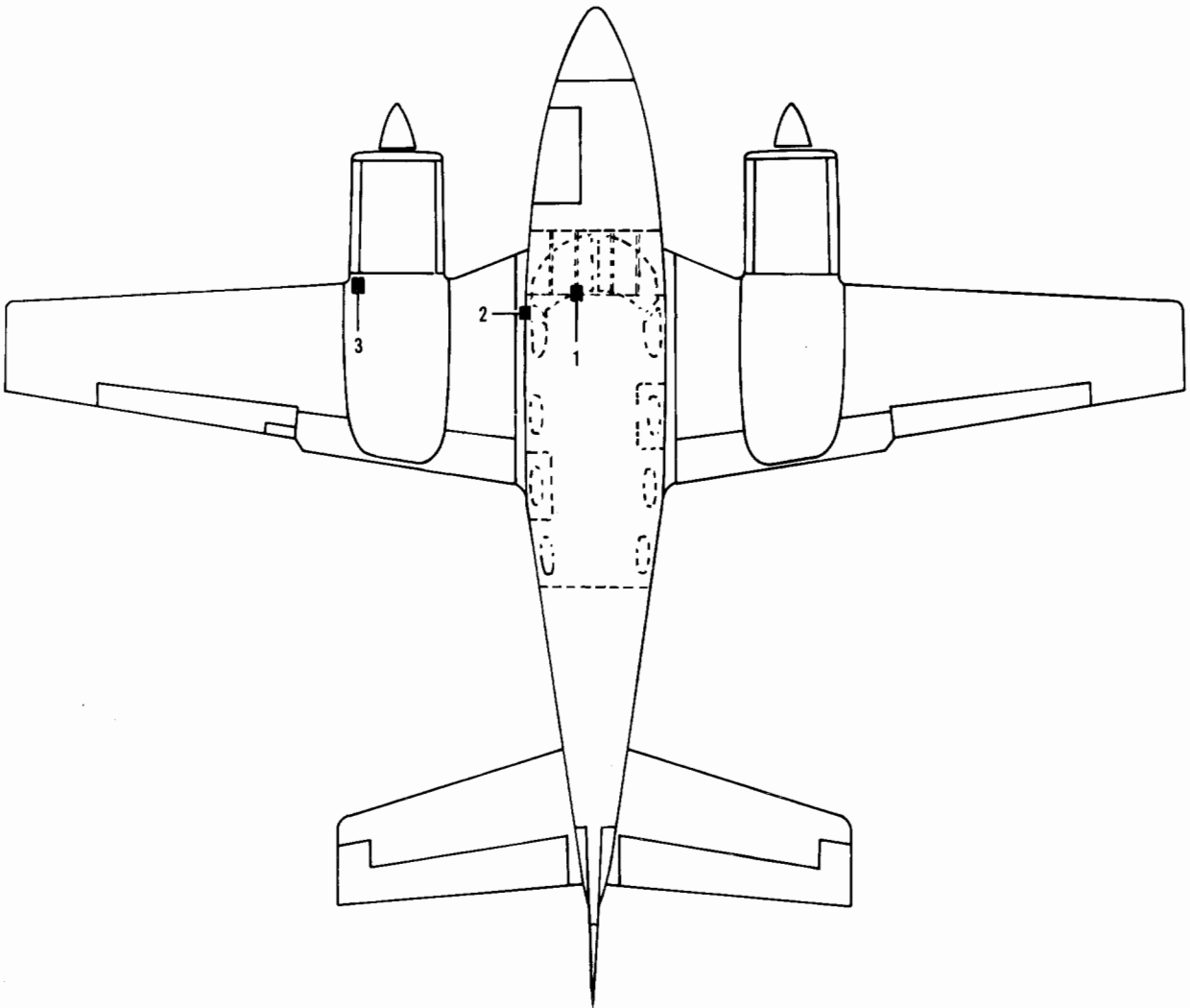
CODES OF EFFECTIVITY

1 P-166 AND AFTER

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL



1. Control Switch
2. L. H. Fuselage Wing Accessories Connector
3. L. H. Wing Ice Light



60-369-30A

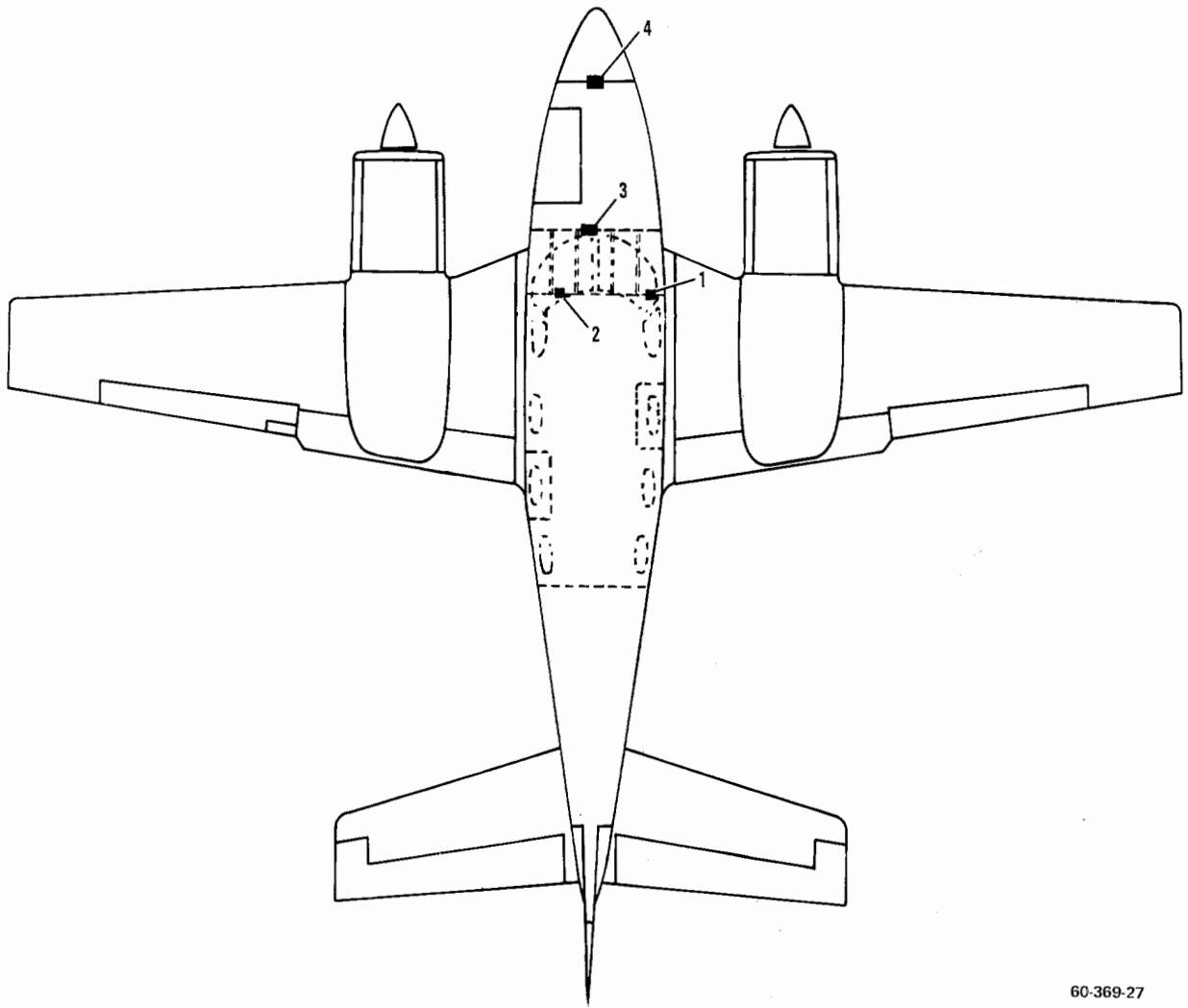
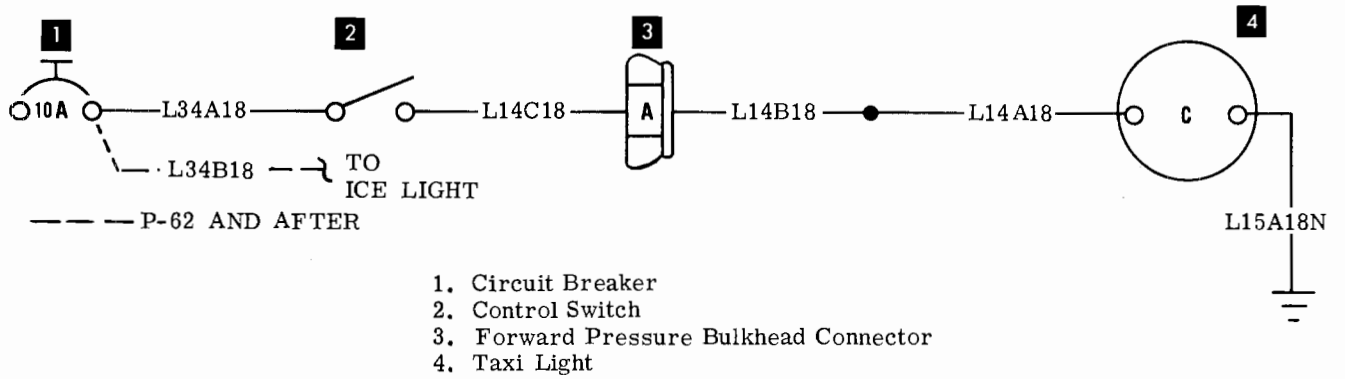
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

33-41-01
TAXI LIGHT

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
41-01 - 1	MS26574-10	CIRCUIT BREAKER, TAXI LIGHT	1	
- 2	35-380053-654	SWITCH ASSY, TAXI LIGHT CONTROL	1	
- 3	PT07E22-21S	CONNECTOR, FWD PRESSURE BULKHEAD	1	
	PT06A22-21P	CONNECTOR, FWD PRESSURE BULKHEAD	1	
	AN960-2616L	WASHER, CONNECTOR	1	
- 4	AN3176-1	LIGHT ASSY, TAXI	1	
	4587	. BULB, TAXI LIGHT	1	

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



60-369-27

Taxi Light

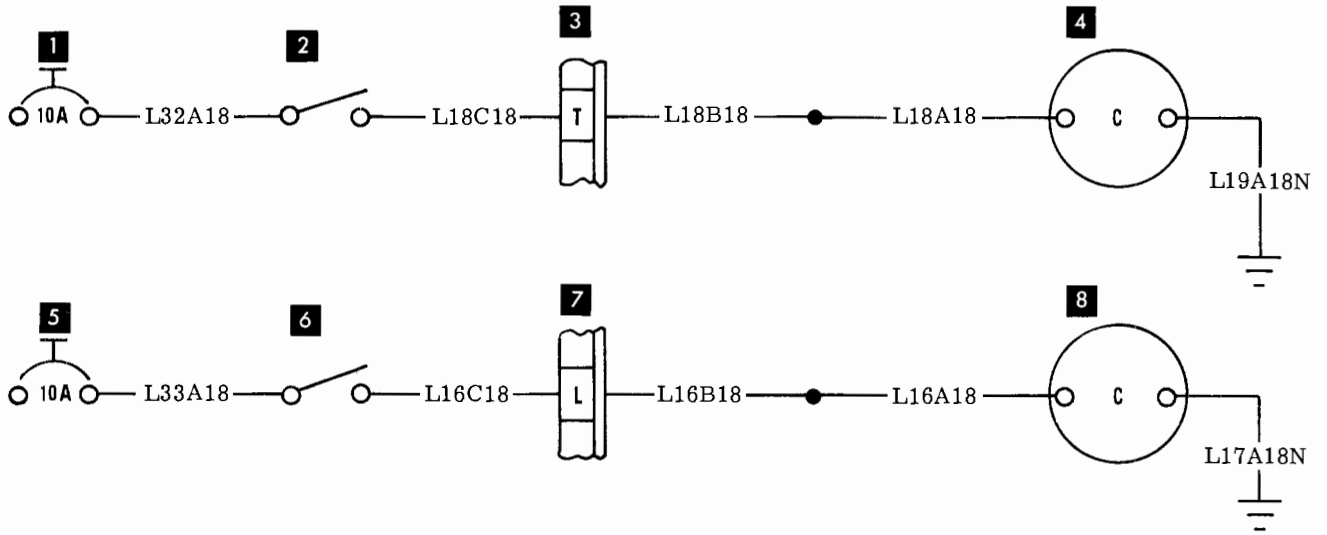
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

33-42-01
LANDING LIGHTS

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

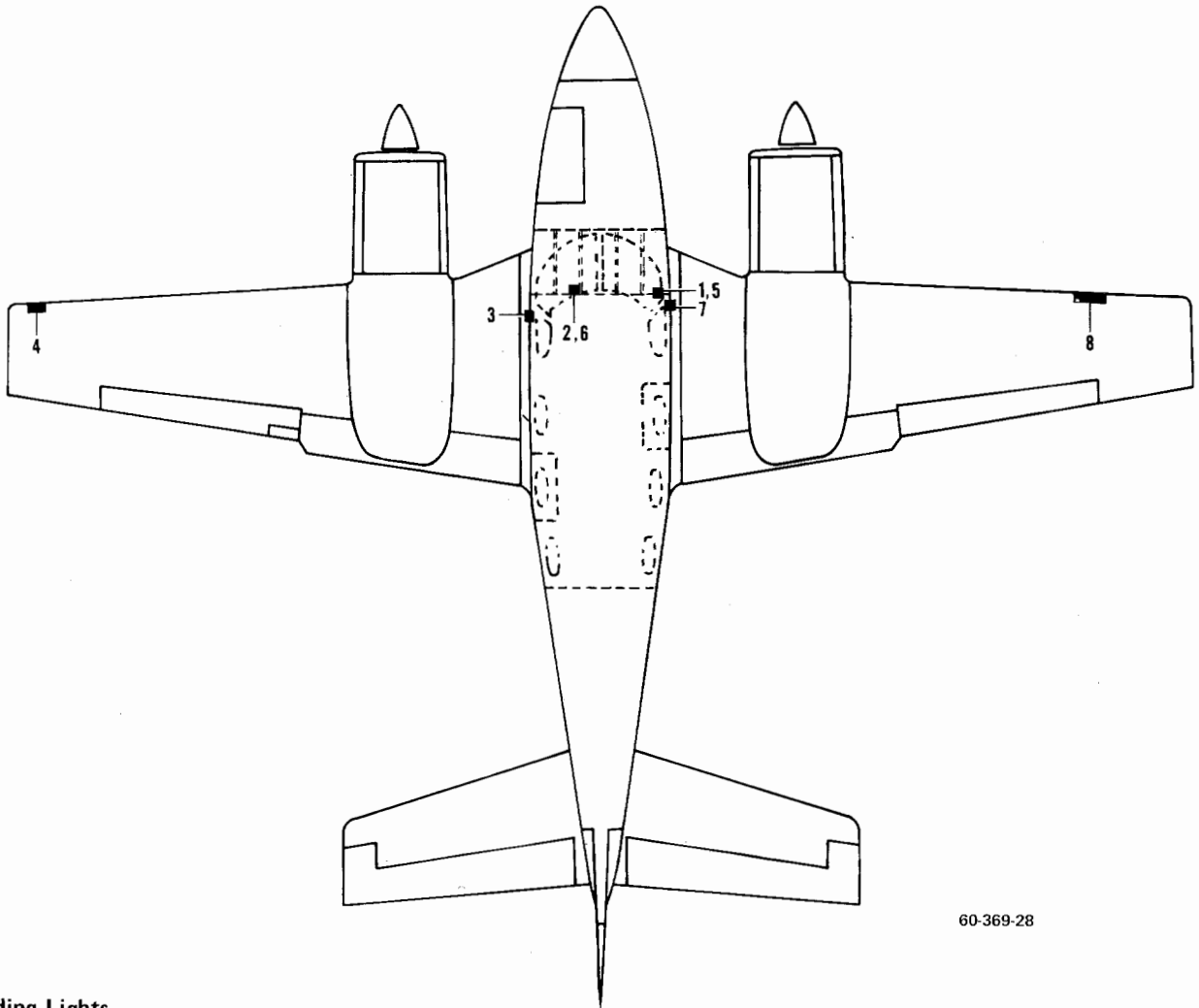
ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY							USABLE ON CODE	
			1	2	3	4	5	6	7		
42-01 - 1	MS28574-10	CIRCUIT BREAKER,LH LANDING LIGHT								1	
- 2	35-380053-654	SWITCH ASSY,LH LANDING LIGHT CONTROL								1	
- 3	PT07E22-41S	CONNECTOR,FUSELAGE LH WING ACCESSORIES								1	
	PT06A22-41P	CONNECTOR,FUSELAGE LH WING ACCESSORIES								1	
	AN960-2616L	WASHER,CONNECTOR								1	
- 4	4596	BULB,LH LANDING LIGHT								1	
- 5	MS28574-10	CIRCUIT BREAKER,RH LANDING LIGHT								1	
- 6	35-380053-654	SWITCH ASSY,RH LANDING LIGHT CONTROL								1	
- 7	PT07E22-21S	CONNECTOR,FUSELAGE RH ENGINE ACCESSORIES								1	
	PT06A22-21P	CONNECTOR,FUSELAGE RH ENGINE ACCESSORIES								1	
	AN960-1616L	WASHER,CONNECTOR								1	
- 8	4596	BULB,RH LANDING LIGHT								1	

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



- 1. Circuit Breaker
- 2. L. H. Control Switch
- 3. L. H. Fuselage Wing Accessories Connector
- 4. L. H. Landing Light

- 5. Circuit Breaker
- 6. R. H. Control Switch
- 7. R. H. Fuselage Engine Accessories Connector
- 8. R. H. Landing Light



60-369-28

Landing Lights

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

33-43-01
NAVIGATION LIGHTS
P-4 THRU P-222

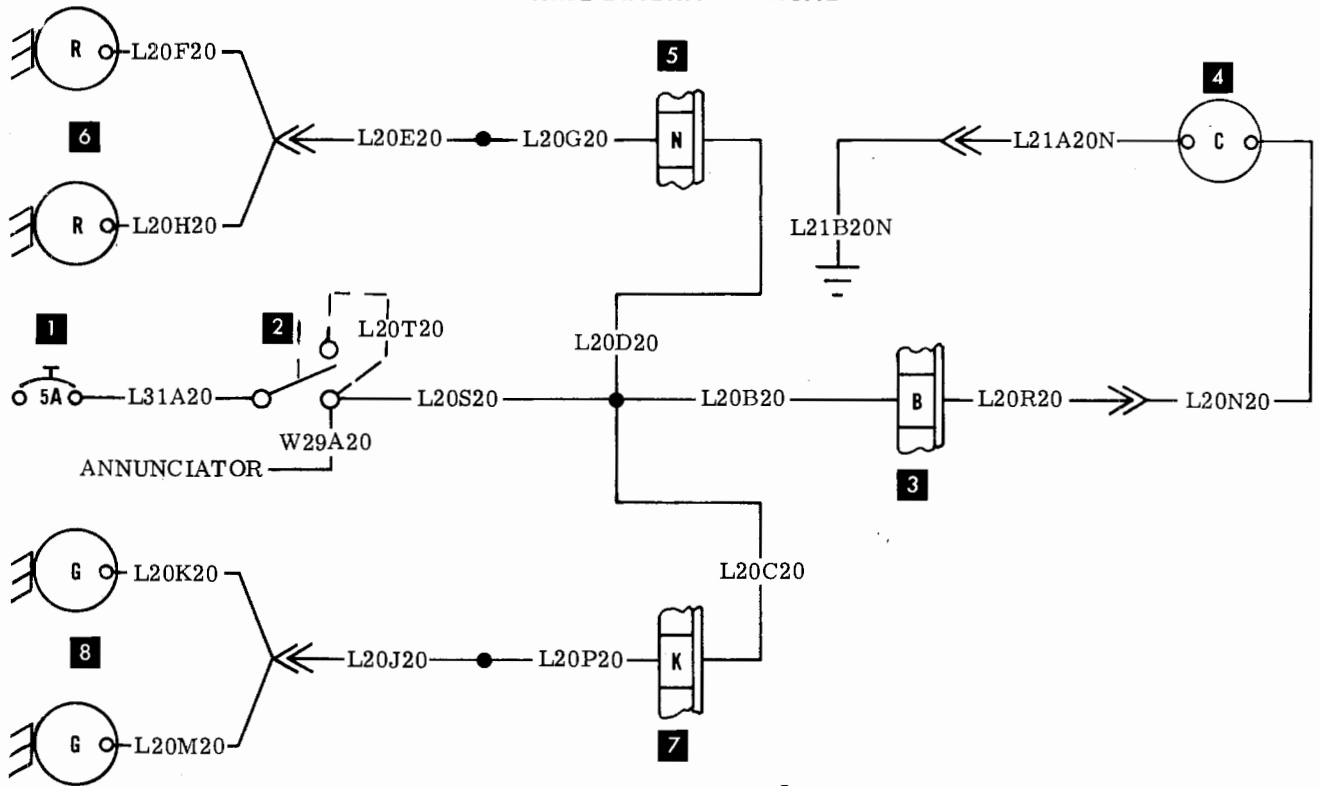
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
43-01 - 1	MS26574-5	CIRCUIT BREAKER,NAVIGATION LIGHT.	1	3
- 2	35-380053-654	SWITCH ASSY,NAVIGATION LIGHT CONTROL.	1	1
	35-380053-19	SWITCH,NAVIGATION LIGHT CONTROL	1	2
	35-380052	KNOB,NAVIGATION LIGHT CONTROL SWITCH.	1	2
- 3	PT07E14-5S	CONNECTOR,AFT PRESSURE BULKHEAD	1	3
	PT06A14-5P	CONNECTOR,AFT PRESSURE BULKHEAD	1	3
	AN960-1416L	WASHER,CONNECTOR.	1	3
- 4	A2064-1683	LIGHT ASSY,TAIL NAVIGATION.	1	3
	1203	BULB,TAIL NAVIGATION LIGHT.	1	3
	AN3111-2	RING,TAIL NAVIGATION LIGHT CONNECTOR BONDING.	1	3
- 5	PT07E22-41S	CONNECTOR,FUSELAGE LH WING ACCESSORIES.	1	3
	PT06A22-41P	CONNECTOR,FUSELAGE LH WING ACCESSORIES.	1	3
	AN960-2616L	WASHER,CONNECTOR.	1	3
- 6	60-369000-5	LIGHT ASSY,LH WING NAVIGATION UPPER	1	3
	60-369000-7	LIGHT ASSY,LH WING NAVIGATION LOWER	1	3
	1524	BULB,LH WING NAVIGATION LIGHT	2	3
- 7	PT07E16-22S	CONNECTOR,FUSELAGE RH WING ACCESSORIES.	1	3
	PT06A16-22P	CONNECTOR,FUSELAGE RH WING ACCESSORIES.	1	3
	AN960-1616L	WASHER,CONNECTOR.	1	3
- 8	60-369000-9	LIGHT ASSY,RH WING NAVIGATION UPPER	1	3
	60-369000-11	LIGHT ASSY,RH WING NAVIGATION LOWER	1	3
	1524	BULB,RH WING NAVIGATION LIGHT	2	3

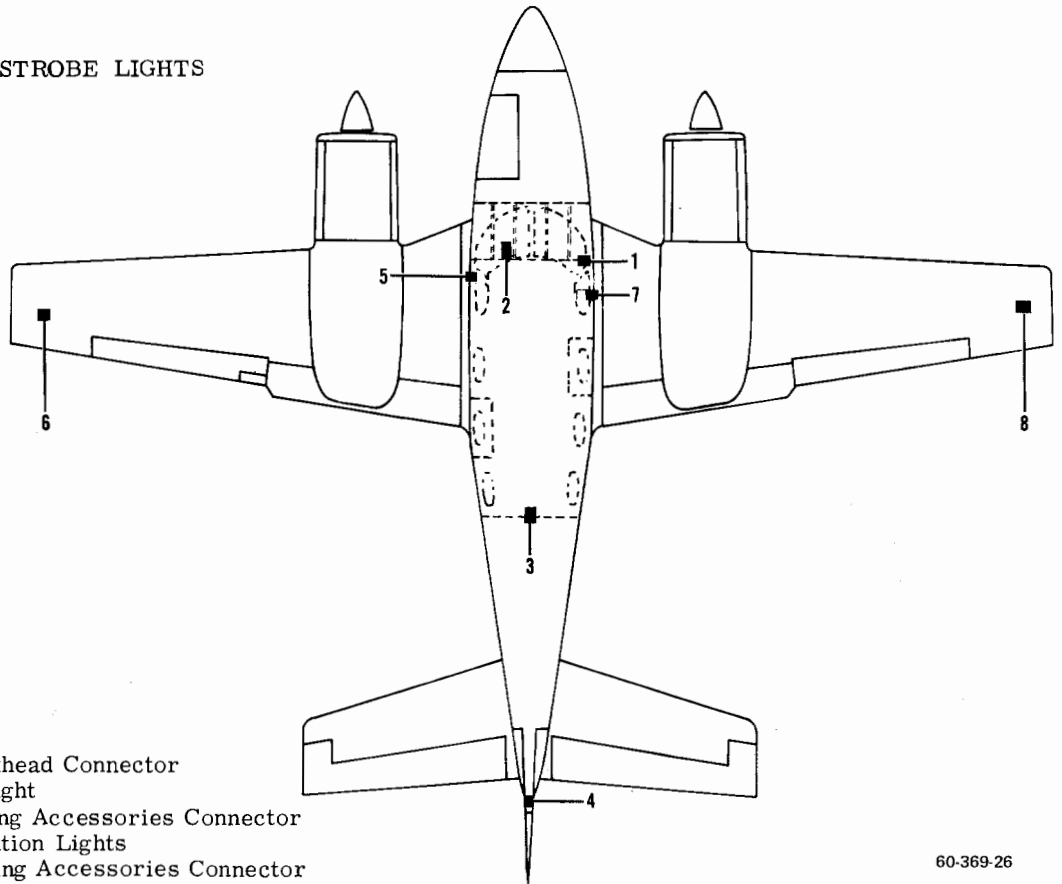
CODES OF EFFECTIVITY

1 P-4 THRU P-82 2 P-83 THRU P-222
3 P-4 THRU P-222

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



--- WITH STROBE LIGHTS



1. Circuit Breaker
2. Control Switch
3. Aft Pressure Bulkhead Connector
4. Tail Navigation Light
5. L. H. Fuselage Wing Accessories Connector
6. L. H. Wing Navigation Lights
7. R. H. Fuselage Wing Accessories Connector
8. R. H. Wing Navigation Lights

60-369-26

Navigation Lights
P-4 thru P-222

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

33-43-02
NAVIGATION LIGHTS
P-223 AND AFTER

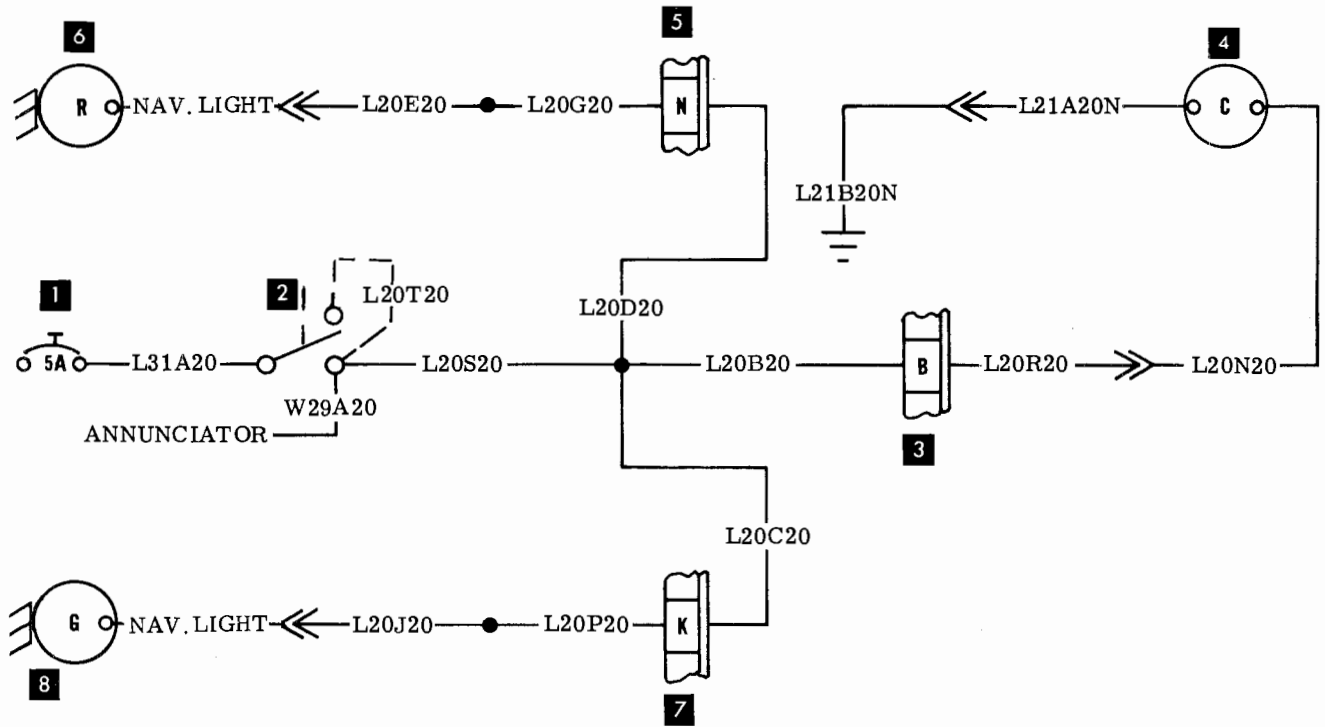
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION							UNITS PER ASSY	USABLE ON CODE
		1	2	3	4	5	6	7		
43-02 - 1	MS26574-5	CIRCUIT BREAKER,NAVIGATION LIGHT							1	1
- 2	35-380053-19	SWITCH,NAVIGATION LIGHT CONTROL							1	1
	35-380052	KNOB,NAVIGATION LIGHT CONTROL SWITCH.							1	1
- 3	PT07E14-5S	CONNECTOR,AFTPRESSURE BULKHEAD.							1	1
	PT06A14-5P	CONNECTOR,AFT PRESSURE BULKHEAD							1	1
	AN960-1416L	WASHER,CONNECTOR.							1	1
- 4	A2064-1683	LIGHT ASSY,TAIL NAVIGATION.							1	1
	1203	BULB,TAIL NAVIGATION LIGHT.							1	1
	AN3111-2	RING,TAIL NAVIGATION LIGHT CONNECTOR BONDING.							1	1
- 5	PT07E22-41S	CONNECTOR,FUSELAGE LH WING ACCESSORIES.							1	1
	PT06A22-41P	CONNECTOR,FUSELAGE LH WING ACCESSORIES.							1	1
	AN960-2616L	WASHER,CONNECTOR.							1	1
- 6	A7512-24	BULB,LH WING NAVIGATION LIGHT							1	1
- 7	PT07E16-22S	CONNECTOR,FUSELAGE RH WING ACCESSORIES.							1	1
	PT06A16-22P	CONNECTOR,FUSELAGE RH WING ACCESSORIES.							1	1
	AN960-1616L	WASHER,CONNECTOR.							1	1
- 8	A7512-24	BULB,RH WING NAVIGATION LIGHT							1	1

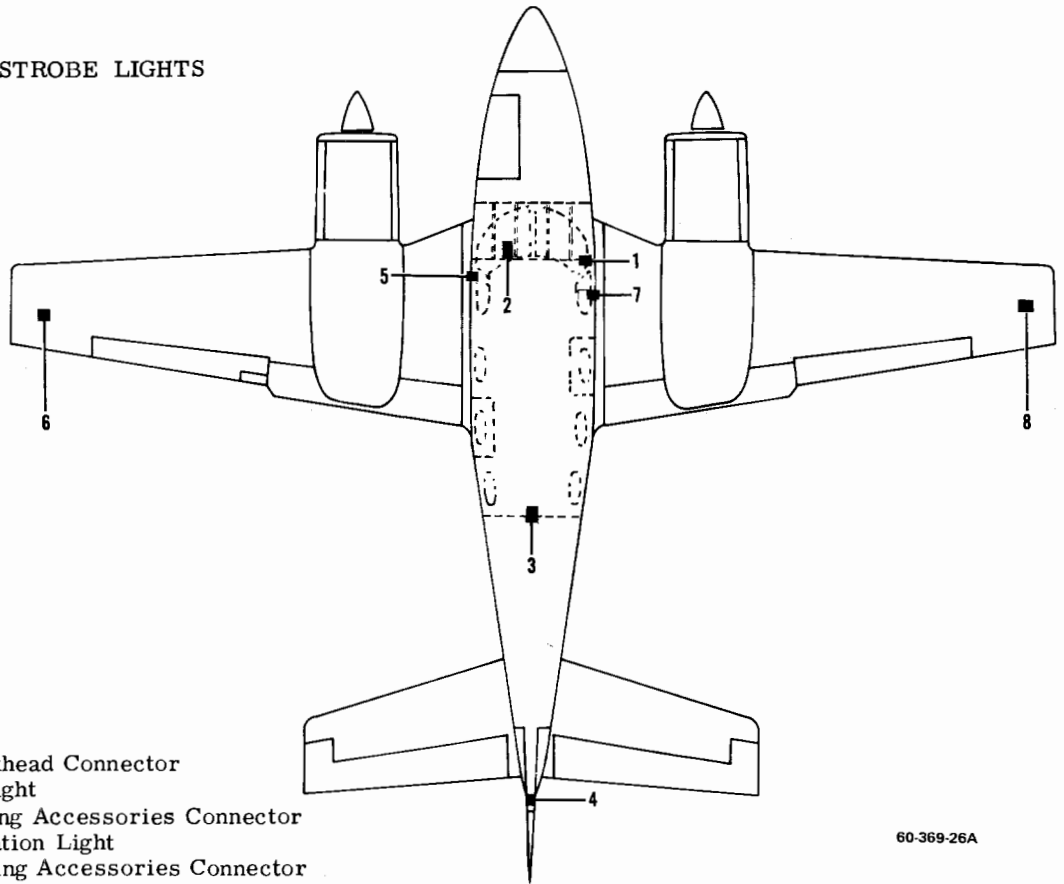
CODES OF EFFECTIVITY

1 P-223 AND AFTER

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



--- WITH STROBE LIGHTS



1. Circuit Breaker
2. Control Switch
3. Aft Pressure Bulkhead Connector
4. Tail Navigation Light
5. L. H. Fuselage Wing Accessories Connector
6. L. H. Wing Navigation Light
7. R. H. Fuselage Wing Accessories Connector
8. R. H. Wing Navigation Light

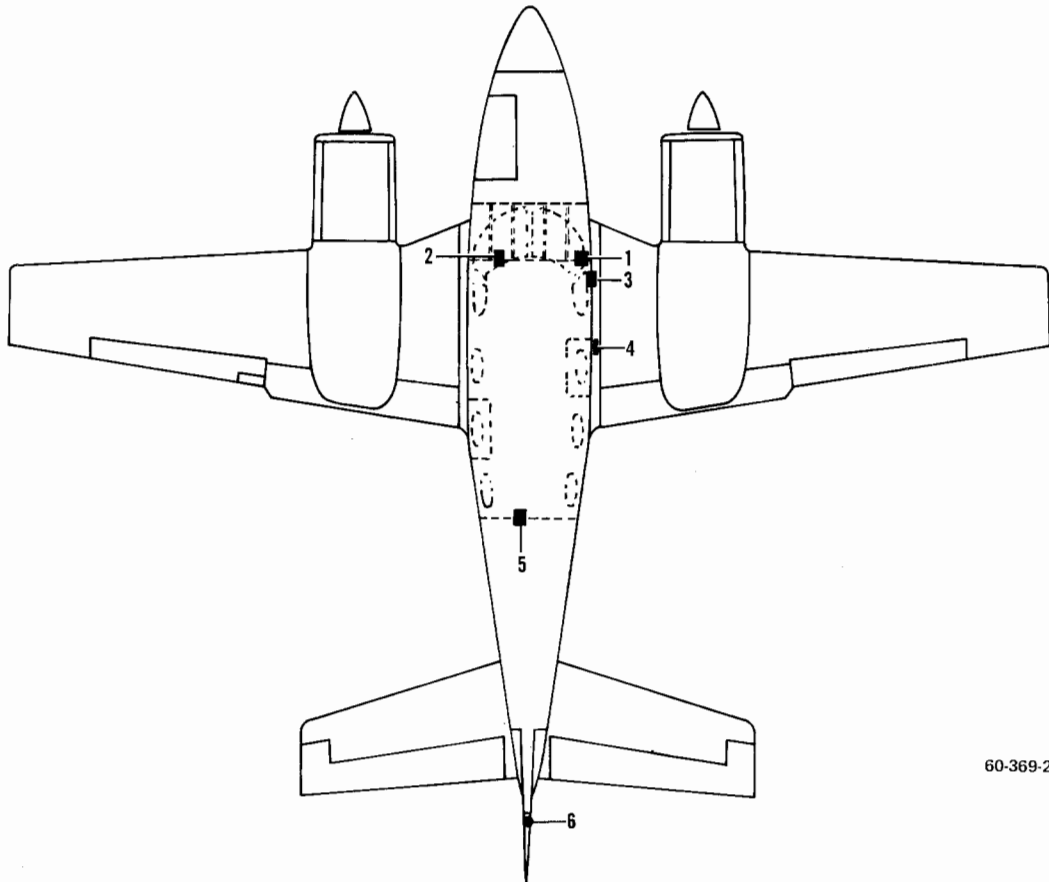
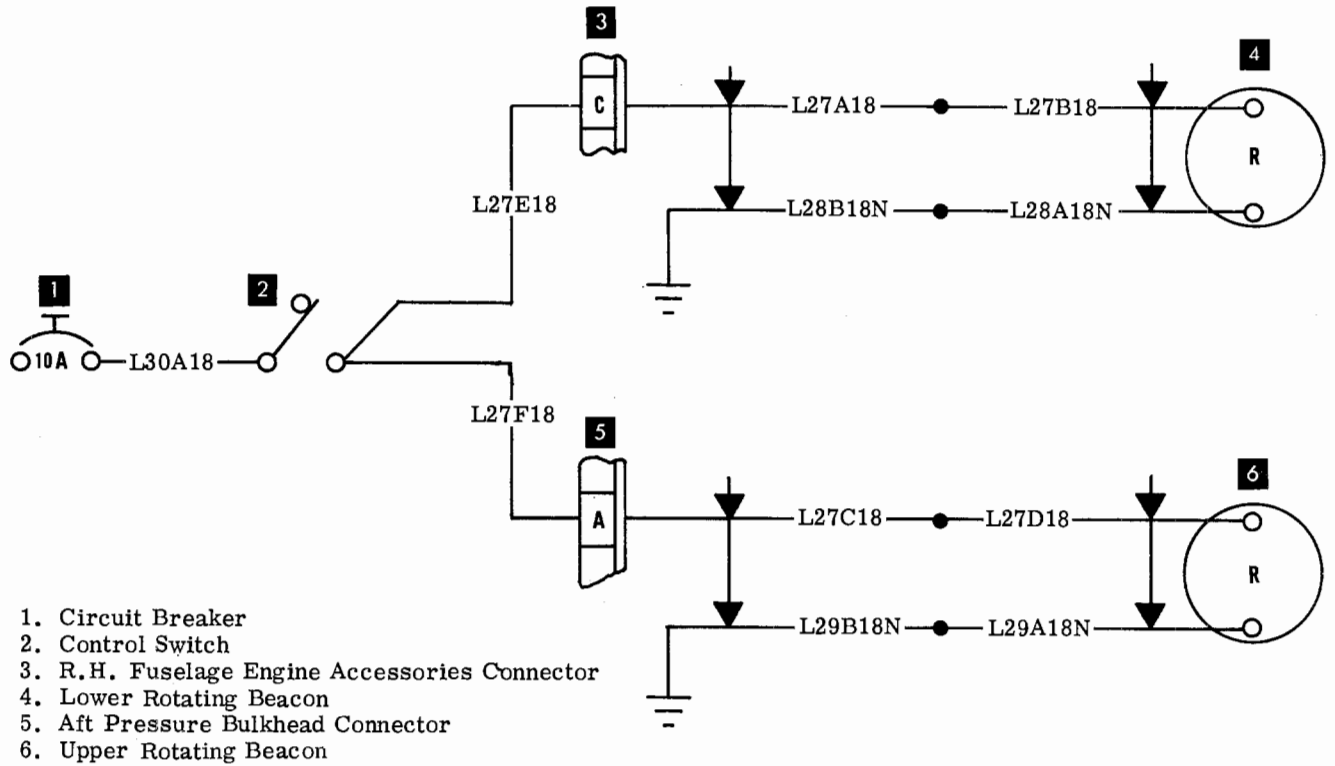
**Navigation Lights
P-223 and after**

60-369-26A

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

33-44-01
ROTATING BEACON

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



60-369-29

Rotating Beacon

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

33-45-01
STROBE LIGHTS (HOSKINS)
P-4 THRU P-179 EXCEPT P-175

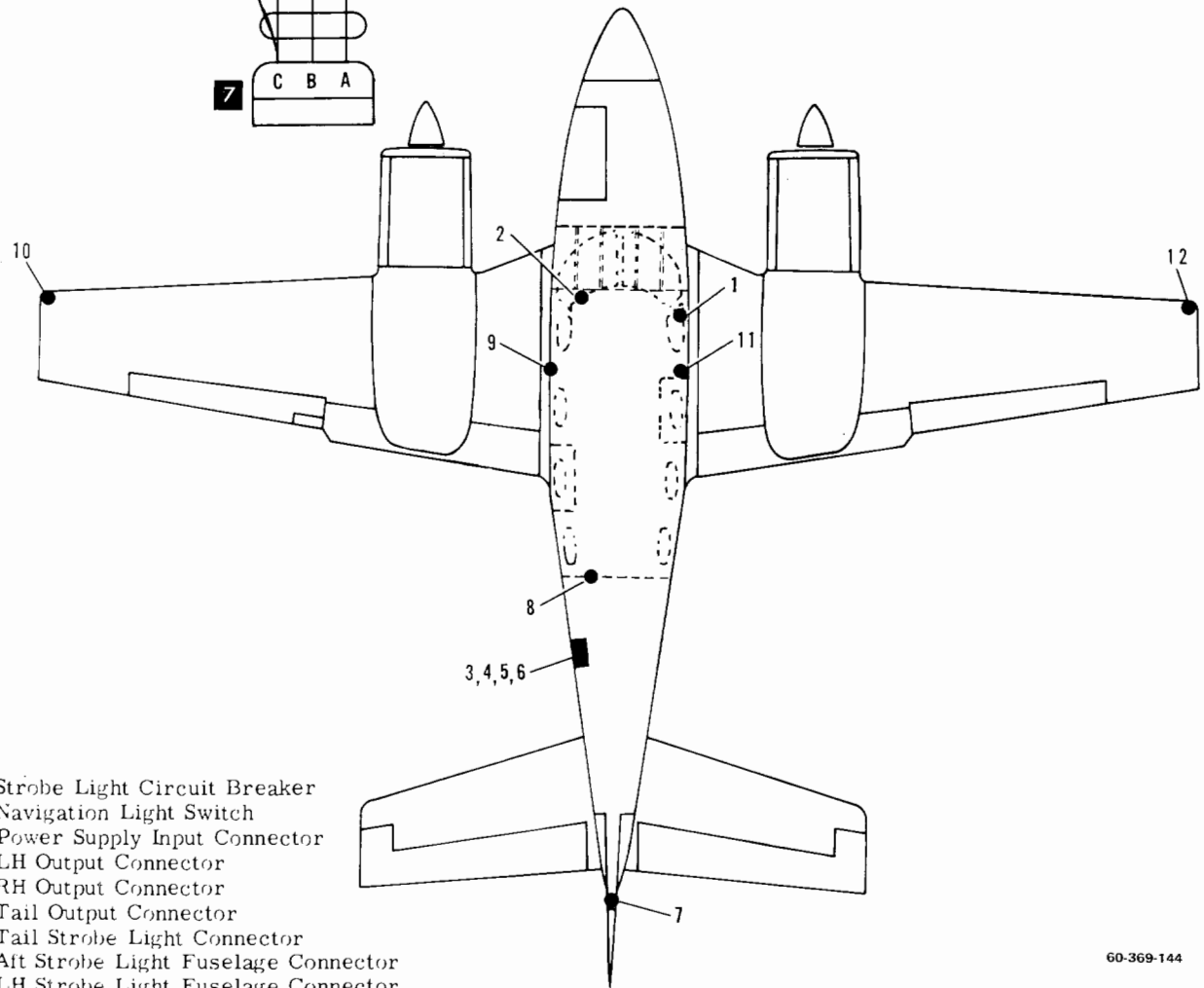
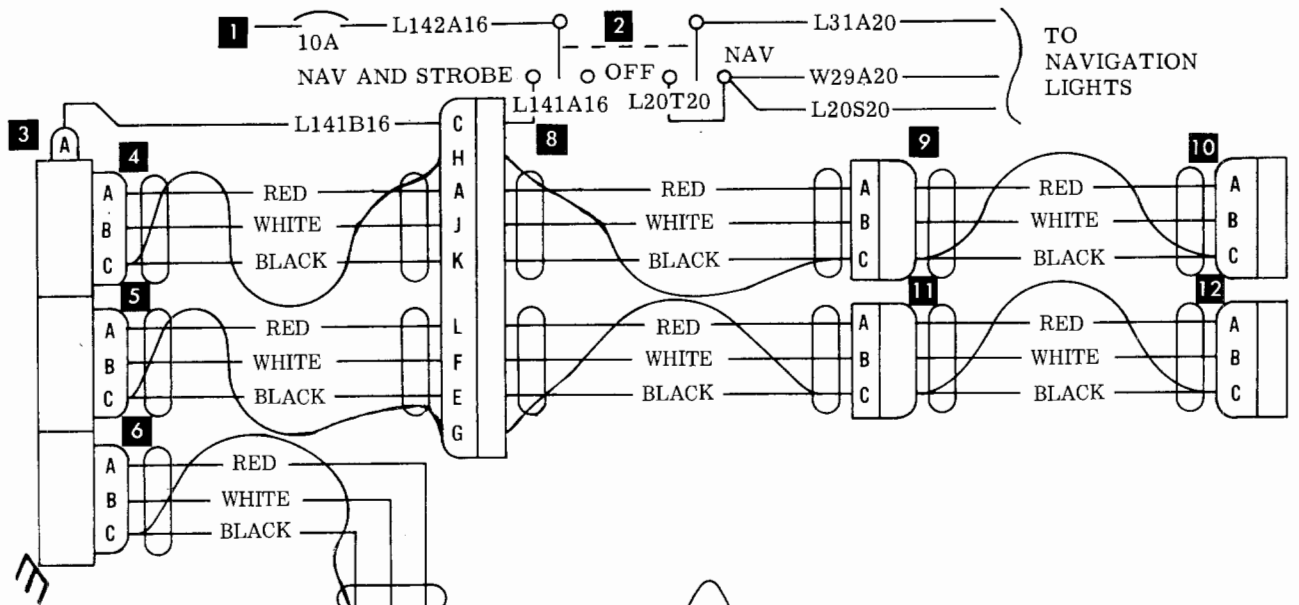
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY							USABLE ON CODE
			1	2	3	4	5	6	7	
45-01 - 1	MS26574-10	CIRCUIT BREAKER,STROBE LIGHT							1	1
- 2	35-380053-651	SWITCH ASSY,STROBE & NAVIGATION LIGHT							1	2
	60-360017-617	SWITCH ASSY,STROBE & NAVIGATION LIGHT /16 GA. & 18 GA. WIRE/							1	3
- 3	MS3108E/R10S2S 32448	CONNECTOR,POWER SUPPLY INPUT SPLICE,POWER SUPPLY INPUT KNIFE							1	4
- 4	MS3108E/R10SL3S	CONNECTOR,LH OUTPUT							1	5
- 5	MS3108E/R10SL3S	CONNECTOR,RH OUTPUT							1	1
- 6	MS3108E/R10SL3S	CONNECTOR,TAIL OUTPUT							1	1
- 7	MS3106E/R10SL3S	CONNECTOR,TAIL STROBE LIGHT							1	1
	MS3116B18-11P	CONNECTOR,AFT FUSELAGE STROBE LIGHT							1	2
- 8	MS3114F18-11S	CONNECTOR,AFT FUSELAGE STROBE LIGHT							1	1
	MS3116E18-11P	CONNECTOR,AFT FUSELAGE STROBE LIGHT							1	3
- 9	MS3114F12-3S	CONNECTOR,LH STROBE LIGHT FUSELAGE							1	1
	MS3116B12-3P	CONNECTOR,LH STROBE LIGHT FUSELAGE							1	2
	MS3116E12-3P	CONNECTOR,LH STROBE LIGHT FUSELAGE							1	3
- 10	MS3106E/R10SL3S	CONNECTOR,LH STROBE LIGHT WING							1	1
- 11	MS3114F12-3S	CONNECTOR,RH STROBE LIGHT FUSELAGE							1	1
	MS3116B12-3P	CONNECTOR,RH STROBE LIGHT FUSELAGE							1	2
	MS3116E12-3P	CONNECTOR,RH STROBE LIGHT FUSELAGE							1	3
- 12	MS3106E/R10SL3S	CONNECTOR,RH STROBE LIGHT WING							1	1

CODES OF EFFECTIVITY

- | | |
|------------------------------------|----------------------------------|
| 1 P-4 THRU P-179
EXCEPT P-175 | 2 P-4 THRU P-126
EXCEPT P-123 |
| 3 P-123,
P-127 AND AFTER | 4 P-4 THRU P-120 |
| 5 P-121 THRU P-179
EXCEPT P-175 | |

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



- 1. Strobe Light Circuit Breaker
- 2. Navigation Light Switch
- 3. Power Supply Input Connector
- 4. LH Output Connector
- 5. RH Output Connector
- 6. Tail Output Connector
- 7. Tail Strobe Light Connector
- 8. Aft Strobe Light Fuselage Connector
- 9. LH Strobe Light Fuselage Connector
- 10. LH Strobe Light Wing Connector
- 11. RH Strobe Light Fuselage Connector
- 12. RH Strobe Light Wing Connector

60-369-144

**Strobe Lights (Hoskins)
P-4 thru P-179 except P-175**

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

33-45-02
STROBE LIGHTS (GRIMES)
P-175, P-180 AND AFTER

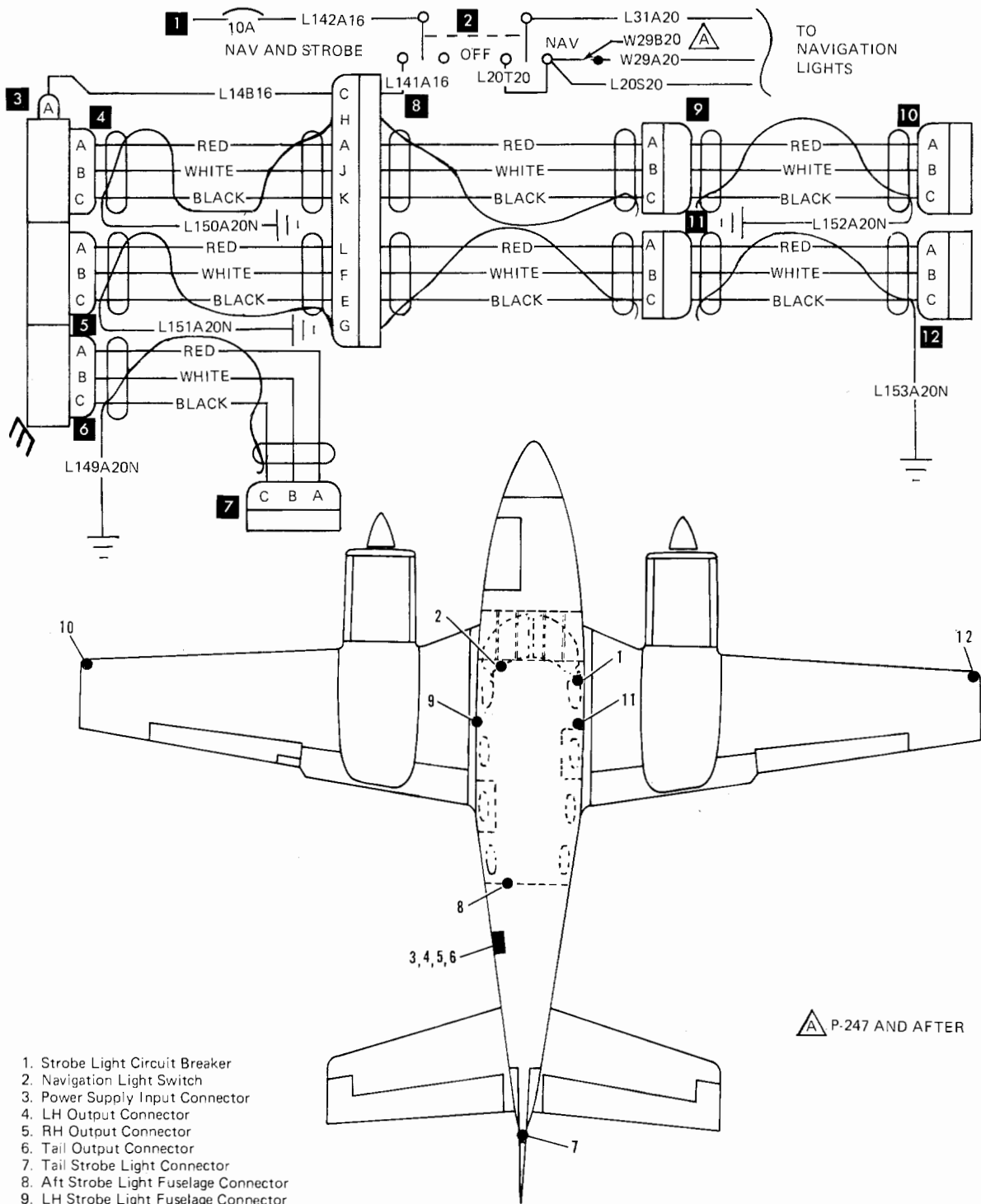
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
45-02 - 1	MS26574-10	CIRCUIT BREAKER, STROBE LIGHT								1	1
- 2	60-360017-617	SWITCH ASSY, STROBE & NAVIGATION LIGHT								1	1
- 3	32448	SPLICE, POWER SUPPLY INPUT KNIFE								1	1
- 4	MS3108E/R10SL3S	CONNECTOR, LH OUTPUT								1	1
- 5	MS3108E/R10SL3S	CONNECTOR, RH OUTPUT								1	1
- 6	MS3108E/R10SL3S	CONNECTOR, TAIL OUTPUT								1	1
- 7	MS3106E/R10SL3S	CONNECTOR, TAIL STROBE LIGHT								1	1
- 8	MS3114F18-11S	CONNECTOR, AFT FUSELAGE STROBE LIGHT								1	1
	MS3116E18-11P	CONNECTOR, AFT FUSELAGE STROBE LIGHT								1	1
- 9	MS3114F12-3S	CONNECTOR, LH STROBE LIGHT FUSELAGE								1	1
	MS3116E12-3P	CONNECTOR, LH STROBE LIGHT FUSELAGE								1	1
- 10	MS3106E/R10SL3S	CONNECTOR, LH STROBE LIGHT WING								1	1
- 11	MS3114F12-3S	CONNECTOR, RH STROBE LIGHT FUSELAGE								1	1
	MS3116E12-3P	CONNECTOR, RH STROBE LIGHT FUSELAGE								1	1
- 12	MS3106E/R10SL3S	CONNECTOR, RH STROBE LIGHT WING								1	1

CODES OF EFFECTIVITY

1 P-175,
P-180 AND AFTER

BEECHCRAFT DUKE 60 SERIES WIRING DIAGRAM MANUAL



1. Strobe Light Circuit Breaker
2. Navigation Light Switch
3. Power Supply Input Connector
4. LH Output Connector
5. RH Output Connector
6. Tail Output Connector
7. Tail Strobe Light Connector
8. Aft Strobe Light Fuselage Connector
9. LH Strobe Light Fuselage Connector
10. LH Strobe Light Wing Connector
11. RH Strobe Light Fuselage Connector
12. RH Strobe Light Wing Connector

△ P-247 AND AFTER

60-369-55B

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

**LIST OF PAGES
FOR
CHAPTER 34-00-00 NAVIGATION**

SYS/SUB-SYS/ CHAP SECTION	PAGE NO.	DATE	SYS/SUB-SYS/ CHAP SECTION	PAGE NO.	DATE	SYS/SUB-SYS/ CHAP SECTION	PAGE NO.	DATE
34-00-00	1	11/02/73	34-20-01	1	11/02/73	34-20-01	3	11/02/73
34-00-00	2	11/02/73	34-20-01	2	11/02/73			

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

**CHAPTER 34
TABLE OF CONTENTS**

SUBJECT	CHAPTER SECTION SUBJECT	PAGE
NAVIGATION	34	
Attitude and Direction	34-20	
Turn Coordinator	34-20-01	1 thru 3

“END”

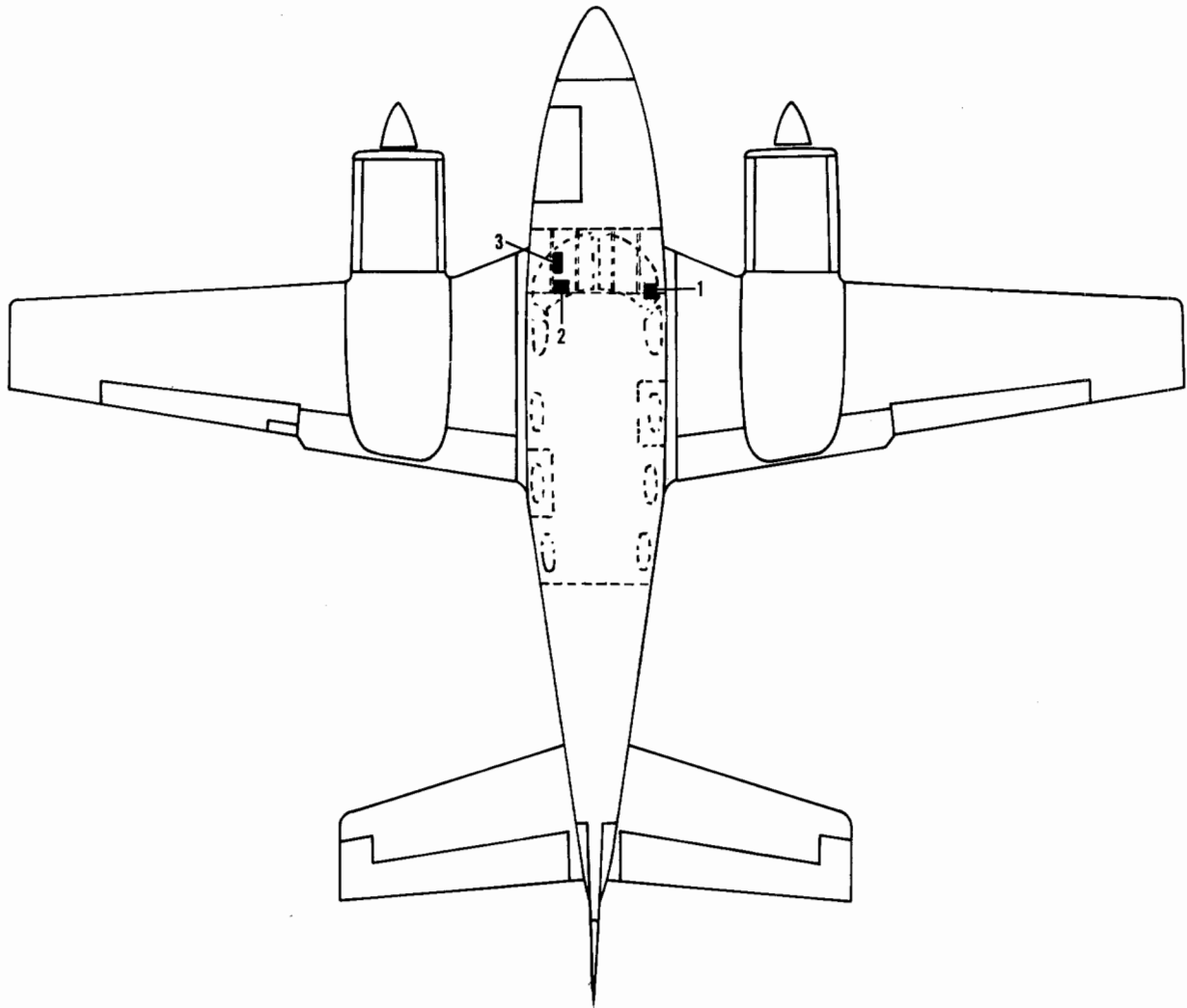
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

34-20-01
TURN COORDINATOR

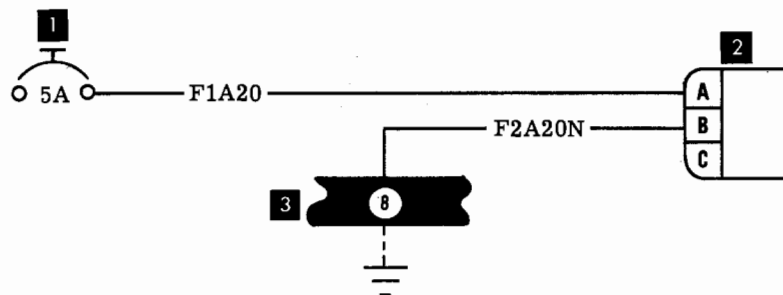
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE	
20-01 - 1	MS26574-5	CIRCUIT BREAKER,TURN COORDINATOR.									1	
- 2	1680	TURN COORDINATOR /TC100 24V/.									1	
	MS3106A/B10SL3S	CONNECTOR,TURN COORDINATOR.									1	
- 3	MS27212-1-8	TERMINAL BOARD,SUBPANEL LH.									1	
	114675A1-6	STRIP,TERMINAL IDENTIFICATION									1	

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



- 1. Circuit Breaker
- 2. Turn Coordinator
- 3. L.H. Subpanel Terminal Board



60-369-24

Turn Coordinator

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

**LIST OF PAGES
FOR
CHAPTER 52-00-00 DOORS**

SYS/SUB-SYS/ CHAP SECTION	PAGE NO.	DATE	SYS/SUB-SYS/ CHAP SECTION	PAGE NO.	DATE	SYS/SUB-SYS/ CHAP SECTION	PAGE NO.	DATE
52-00-00	1	11/02/73	52-70-01	3	11/02/73	52-70-03	1	11/02/73
52-00-00	2	11/02/73	52-70-02	1	11/02/73	52-70-03	2	11/02/73
52-70-01	1	11/02/73	52-70-02	2	11/02/73	52-70-03	3	11/02/73
52-70-01	2	11/02/73	52-70-02	3	11/02/73			

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

**CHAPTER 52
TABLE OF CONTENTS**

SUBJECT	CHAPTER SECTION SUBJECT	PAGE
DOORS	52	
Door Warning	52-70	
Cabin Door Lock Warning and Courtesy Lights P-4 thru P-126 except P-123	52-70-01	1 thru 3
P-123, P-127 thru P-246	52-70-02	1 thru 3
P-247 and after	52-70-03	1 thru 3

“END”

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

52-70-01
CABIN DOOR LOCK WARNING AND COURTESY LIGHTS
P-4 THRU P-126 EXCEPT P-123

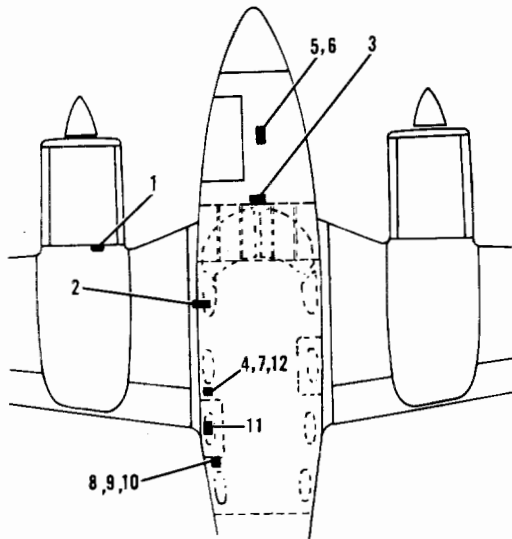
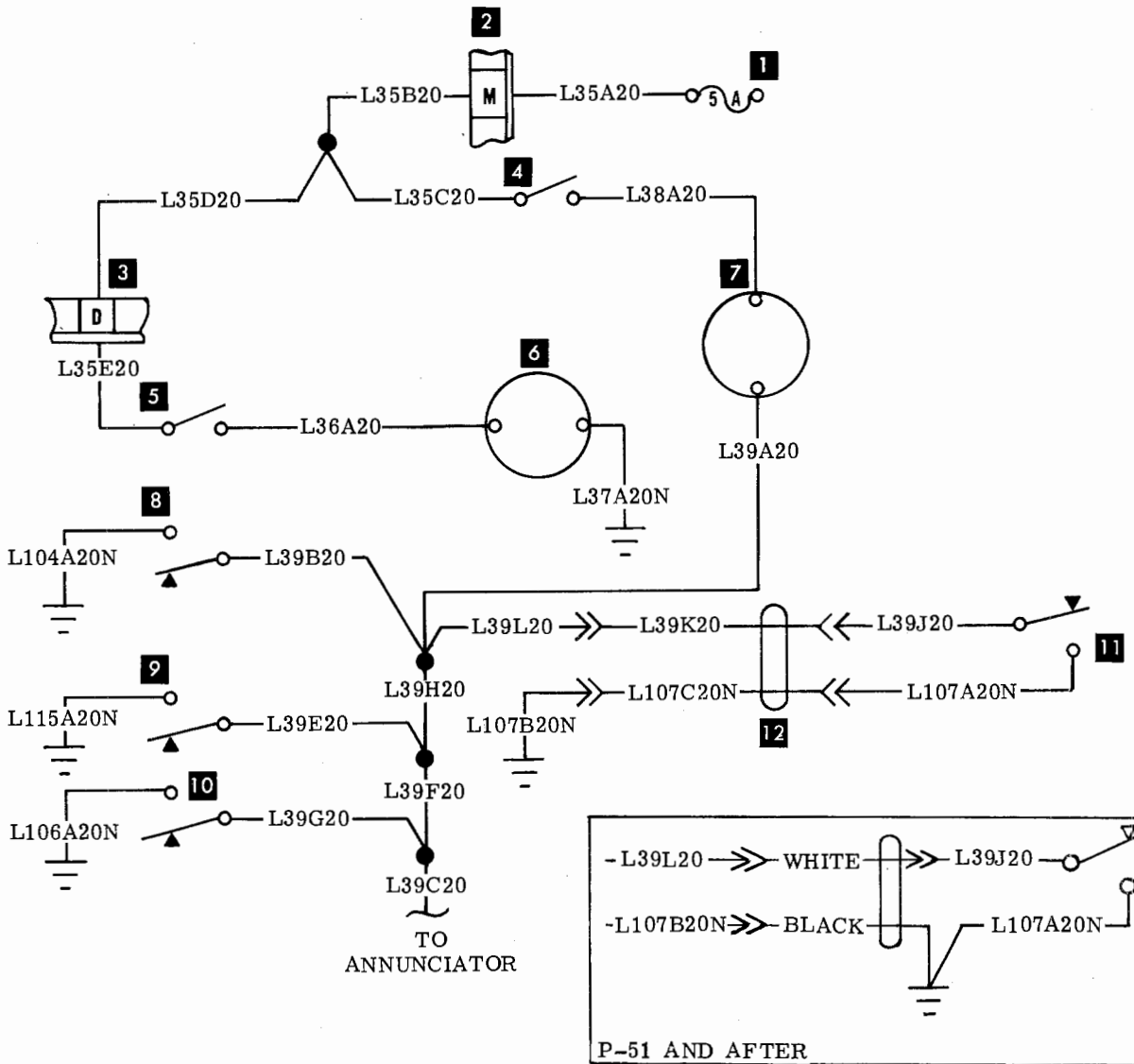
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
			1	2	3	4	5	6	7		
70-01 - 1	AGC5	FUSE, THRESHOLD LIGHT								1	1
	60-369025-1	FUSEHOLDER ASSY, THRESHOLD								1	1
- 2	PT07E22-41S	CONNECTOR, FUSELAGE LH WING ACCESSORIES								1	1
	PT06A22-41P	CONNECTOR, FUSELAGE LH WING ACCESSORIES								1	1
	AN960-2616L	WASHER, CONNECTOR								1	1
- 3	PT07E22-21S	CONNECTOR, FWD PRESSURE BULKHEAD								1	1
	PT06A22-21P	CONNECTOR, FWD PRESSURE BULKHEAD								1	1
	AN960-2616L	WASHER, CONNECTOR								1	1
- 4	L18366-5	SWITCH, THRESHOLD LIGHT								1	1
- 5	A3594A	SWITCH, NOSE BAGGAGE COMPARTMENT LIGHT								1	1
	A5804	KNOB, NOSE BAGGAGE COMPARTMENT LIGHT SWITCH								1	1
- 6	B3555A	LIGHT ASSY, NOSE BAGGAGE COMPARTMENT								1	1
	307	BULB, NOSE BAGGAGE COMPARTMENT LIGHT								1	1
- 7	60-364027-1	LIGHT ASSY, THRESHOLD								1	1
	313	BULB, THRESHOLD LIGHT								1	1
- 8	MS25026-1	SWITCH, CABIN DOOR WARNING UPPER								1	1
- 9	MS25026-1	SWITCH, CABIN DOOR WARNING MIDDLE								1	1
- 10	MS25026-1	SWITCH, CABIN DOOR WARNING LOWER								1	1
	AN3167-1	ACTUATOR, CABIN DOOR LOCK WARNING SWITCH								3	1
- 11	V3L131	SWITCH, CABIN DOOR LOCK WARNING								1	1
- 12	60-364000-55	CABLE ASSY, CABIN DOOR WARNING								1	1

CODES OF EFFECTIVITY

1 P-4 THRU P-126
EXCEPT P-123

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



1. Threshold Light Fuse
2. L H Fuselage Wing Accessories Connector
3. Forward Pressure Bulkhead Connector
4. Threshold Light Switch
5. Switch
6. Nose Baggage Compartment Light
7. Threshold Light
8. Upper Cabin Door Warning Switch
9. Middle Cabin Door Warning Switch
10. Lower Cabin Door Warning Switch
11. Door Lock Warning Switch
12. Cabin Door Cable

60-369-39

Cabin Door Lock Warning and Courtesy Lights
P-4 thru P-126 except P-123

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

52-70-02
CABIN DOOR LOCK WARNING AND COURTESY LIGHTS
P-123,P-127 THRU P-246

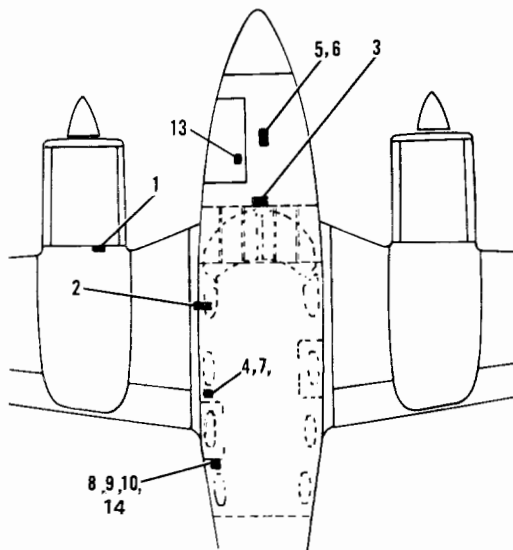
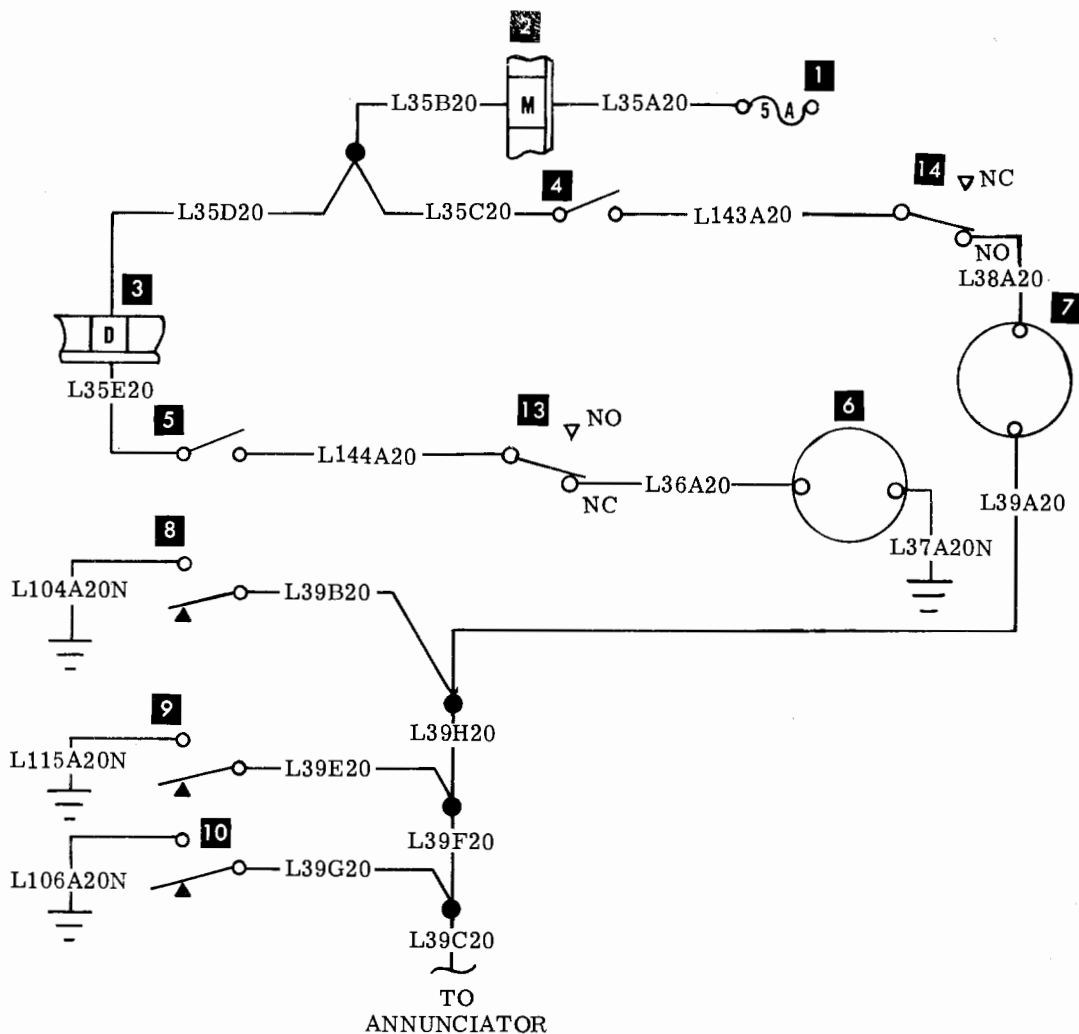
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
			1	2	3	4	5	6	7		
70-02 - 1	AGC5	FUSE, THRESHOLD LIGHT.								1	1
	60-369025-1	FUSEHOLDER ASSY, THRESHOLD LIGHT								1	1
- 2	PT07E22-41S	CONNECTOR, FUSELAGE LH WING ACCESSORIES.								1	1
	PT06A22-41P	CONNECTOR, FUSELAGE LH WING ACCESSORIES.								1	1
	AN960-2616L	WASHER, CONNECTOR.								1	1
- 3	PT07E22-21S	CONNECTOR, FWD PRESSURE BULKHEAD								1	1
	PT06A22-21P	CONNECTOR, FWD PRESSURE BULKHEAD								1	1
	AN960-2616L	WASHER, CONNECTOR.								1	1
- 4	L18366-3	SWITCH, THRESHOLD LIGHT /AUTOMATIC/.								1	1
- 5	A3594A	SWITCH, NOSE BAGGAGE COMPARTMENT LIGHT								1	1
	A5804	KNOB, NOSE BAGGAGE COMPARTMENT LIGHT SWITCH.								1	1
- 6	B3555A	LIGHT ASSY, NOSE BAGGAGE COMPARTMENT								1	1
	307	. BULB, NOSE BAGGAGE COMPARTMENT LIGHT								1	1
- 7	60-364027-1	LIGHT ASSY, THRESHOLD.								1	1
	313	. BULB, THRESHOLD LIGHT.								1	1
- 8	MS25026-1	SWITCH, CABIN DOOR WARNING UPPER								1	1
- 9	MS25026-1	SWITCH, CABIN DOOR WARNING MIDDLE.								1	1
- 10	MS25026-1	SWITCH, CABIN DOOR WARNING LOWER								1	1
	AN3167-1	ACTUATOR, CABIN DOOR WARNING SWITCH.								3	1
- 11		DELETED									
- 12		DELETED									
- 13	C3100L5	SWITCH, NOSE BAGGAGE COMPARTMENT LIGHT DOOR.								1	1
	60-364000-63	ACTUATOR, NOSE BAGGAGE COMPARTMENT LIGHT SWITCH.								1	1
- 14	C3100L5	SWITCH, THRESHOLD LIGHT /MANUAL/.								1	1

CODES OF EFFECTIVITY

1 P-123,
P-127 THRU P-246

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



1. Threshold Light Fuse
2. L H Fuselage Wing Accessories Connector
3. Forward Pressure Bulkhead Connector
4. Threshold Light Switch
5. Nose Baggage Light Switch
6. Nose Baggage Compartment Light
7. Threshold Light
8. Upper Cabin Door Warning Switch
9. Middle Cabin Door Warning Switch
10. Lower Cabin Door Warning Switch
11. Deleted
12. Deleted
13. Nose Baggage Door Switch
14. Threshold Light Switch

Cabin Door Lock Warning and Courtesy Lights
P-123, P-127 thru P-246

A60-369-69

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

52-70-03
CABIN DOOR LOCK WARNING AND COURTESY LIGHTS
P-247 AND AFTER

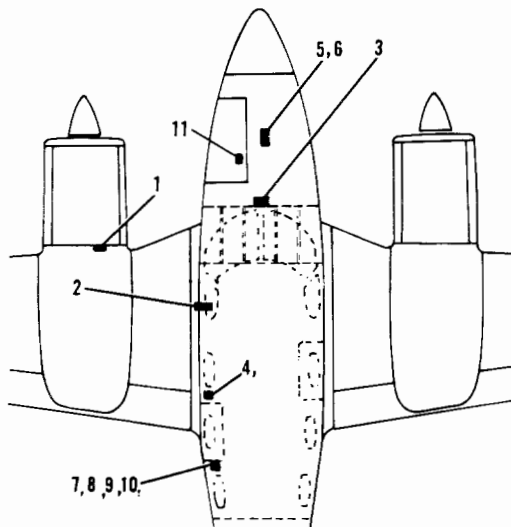
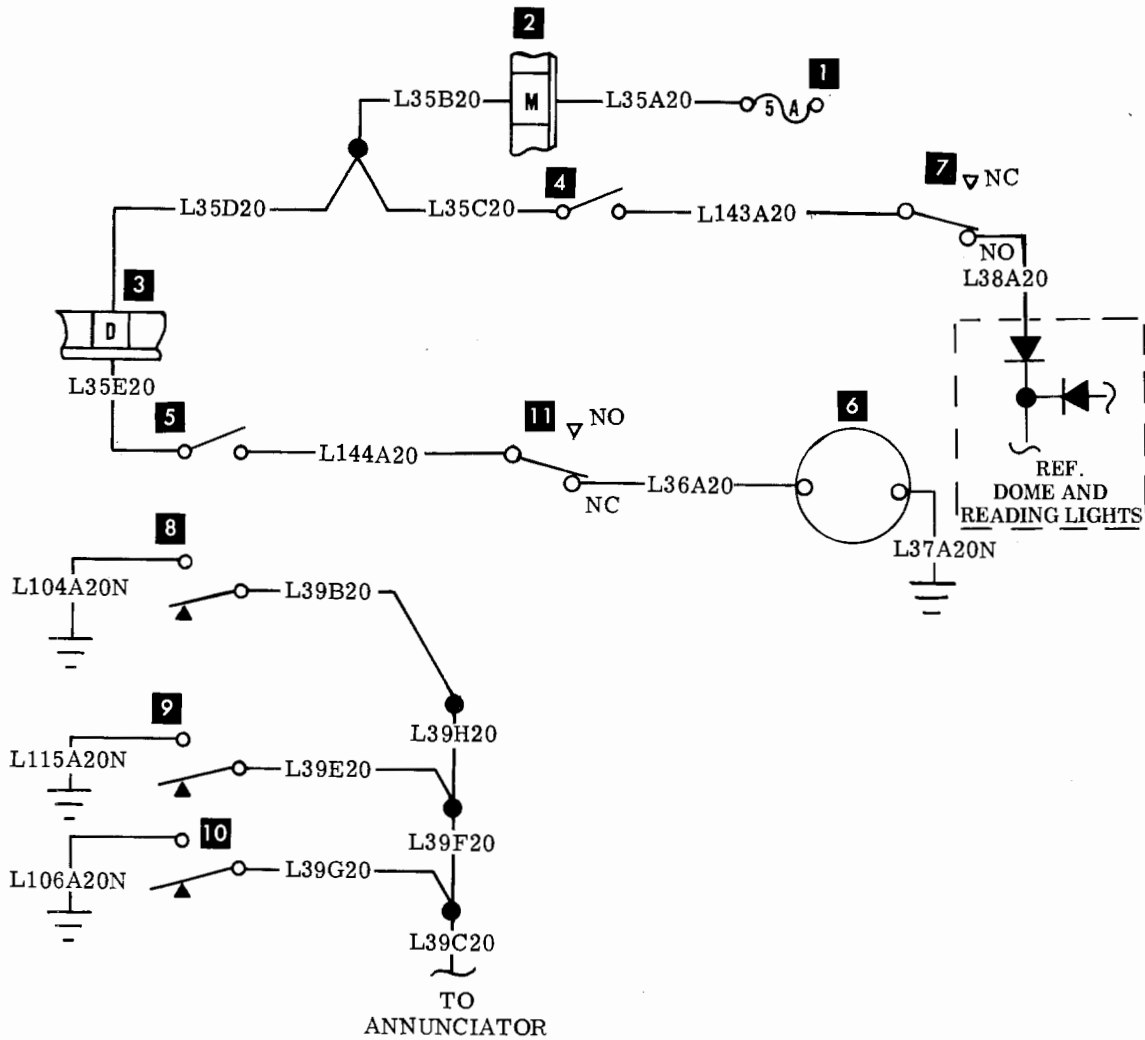
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY							USABLE ON CODE
			1	2	3	4	5	6	7	
70-03 - 1	AGC5	FUSE, THRESHOLD LIGHT.							1	1
	60-369025-1	FUSEHOLDER, THRESHOLD LIGHT.							1	1
- 2	PT07E22-41S	CONNECTOR, FUSELAGE LH WING ACCESSORIES.							1	1
	PT06A22-41P	CONNECTOR, FUSELAGE LH WING ACCESSORIES.							1	1
	AN960-2616L	WASHER, CONNECTOR.							1	1
- 3	PT07E22-21S	CONNECTOR, FWD PRESSURE BULKHEAD							1	1
	PT06A22-21P	CONNECTOR, FWD PRESSURE BULKHEAD							1	1
	AN960-2616L	WASHER, CONNECTOR.							1	1
- 4	L18366-3	SWITCH, COURTESY LIGHT /AUTOMATIC/							1	1
- 5	A3594A	SWITCH, NOSE BAGGAGE COMPARTMENT LIGHT							1	1
	A5804	KNOB, NOSE BAGGAGE COMPARTMENT LIGHT SWITCH.							1	1
- 6	B3555A	LIGHT ASSY, NOSE BAGGAGE COMPARTMENT							1	1
	307	. BULB, LIGHT.							1	1
- 7	C3100L5	SWITCH, COURTESY LIGHT /MANUAL/.							1	1
- 8	MS25026-1	SWITCH, CABIN DOOR WARNING UPPER							1	1
- 9	MS25026-1	SWITCH, CABIN DOOR WARNING MIDDLE.							1	1
- 10	MS25026-1	SWITCH, CABIN DOOR WARNING LOWER							1	1
- 11	C3100L5	SWITCH, NOSE BAGGAGE COMPARTMENT LIGHT DOOR.							1	1
	60-364000-63	ACTUATOR, DOOR SWITCH.							1	1

CODES OF EFFECTIVITY

1 P-247 AND AFTER

BEECHCRAFT DUKE 60 SERIES WIRING DIAGRAM MANUAL



1. Threshold Light Fuse
2. L H Fuselage Wing Accessories Connector
3. Forward Pressure Bulkhead Connector
4. Courtesy Light Switch (Automatic)
5. Nose Baggage Light Switch
6. Nose Baggage Compartment Light
7. Courtesy Light Switch (Manual)
8. Upper Cabin Door Warning Switch
9. Middle Cabin Door Warning Switch
10. Lower Cabin Door Warning Switch
11. Nose Baggage Door Switch

Cabin Door Lock Warning and Courtesy Lights
P-247 and after

A60-369-69A

**BEECHCRAFT
DUKE 60 SERIES
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61-00-00	1	11/02/73	61-20-01	1	11/02/73	61-20-01	3	11/02/73
61-00-00	2	11/02/73	61-20-01	2	11/02/73			

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DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

CHAPTER 61

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“END”

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

61-20-01
PROPELLER SYNCHRONIZER
P-83 AND AFTER

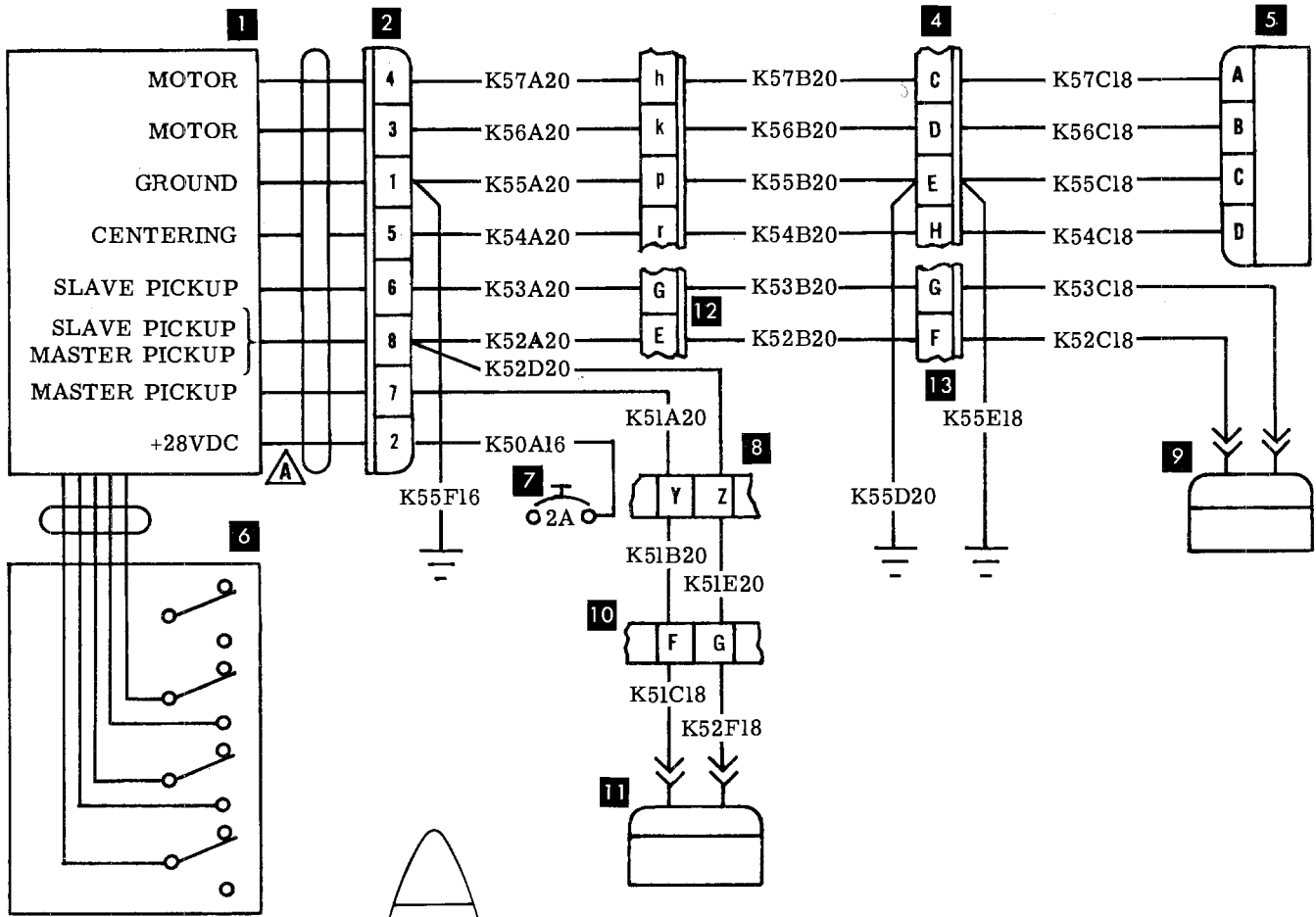
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
			1	2	3	4	5	6	7		
20-01 - 1	213433	BOX ASSY,CONTROL								1	1
- 2	233032	CONNECTOR,CONTROL BOX								1	1
- 3	PT06E22-41S	CONNECTOR,FUSELAGE LH WING ACCESSORIES.								1	1
	PT06A22-41P	CONNECTOR,FUSELAGE LH WING ACCESSORIES.								1	1
	AN960-2616L	WASHER,CONNECTOR.								1	1
- 4	MS3100K32-15S	CONNECTOR,LH FIREWALL STARTER & GENERATOR.								1	1
	MS3106A/B32-15P	CONNECTOR,LH FIREWALL STARTER & GENERATOR								1	1
- 5	213100	ACTUATOR ASSY,PROPELLER SYNCHRONIZER.								1	1
- 6	35-380053-15	SWITCH,PROPELLER SYNCHRONIZER CONTROL								1	1
	35-380052	KNOB,SWITCH								1	1
- 7	MS26574-2	CIRCUIT BREAKER,PROPELLER SYNCHRONIZER.								1	1
- 8	PT07E16-22S	CONNECTOR,FUSELAGE RH WING ACCESSORIES.								1	1
	PT06A16-22P	CONNECTOR,FUSELAGE RH WING ACCESSORIES.								1	1
	AN960-1616L	WASHER,CONNECTOR.								1	1
- 9	213127	PICKUP,MAGNETIC SLAVE /LH GOVERNOR/								1	1
- 10	MS3100K22-14S	CONNECTOR,RH FIREWALL GENERATOR & STARTER								1	1
	MS3106A/B22-14P	CONNECTOR,RH FIREWALL GENERATOR & STARTER								1	1
- 11	213127	PICKUP,MAGNETIC SLAVE /RH GOVERNOR/								1	1
- 12	PT07E22-21S	CONNECTOR,FUSELAGE LH ENGINE ACCESSORIES.								1	1
	PT06A22-21P	CONNECTOR,FUSELAGE LH ENGINE ACCESSORIES.								1	1
	AN960-2616L	WASHER,CONNECTOR.								1	1
- 13	MS3400K22-14S	CONNECTOR,LH FIREWALL ENGINE ACCESSORIES.								1	1
	MS3106A/B22-14P	CONNECTOR,LH FIREWALL ENGINE ACCESSORIES.								1	1

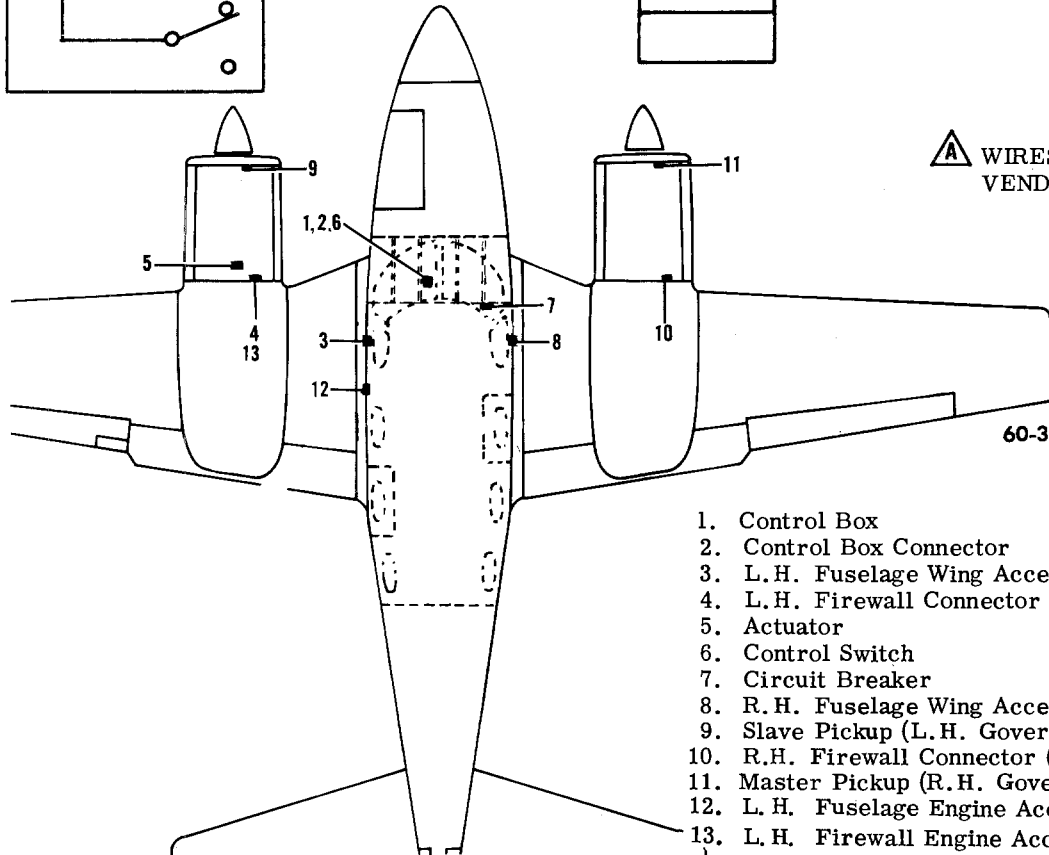
CODES OF EFFECTIVITY

1 P-83 AND AFTER

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



▲ WIRES FURNISHED BY
VENDOR ARE NOT CODED



- 1. Control Box
- 2. Control Box Connector
- 3. L.H. Fuselage Wing Accessories Connector
- 4. L.H. Firewall Connector (Generator and Starter)
- 5. Actuator
- 6. Control Switch
- 7. Circuit Breaker
- 8. R.H. Fuselage Wing Accessories Connector
- 9. Slave Pickup (L.H. Governor)
- 10. R.H. Firewall Connector (Generator and Starter)
- 11. Master Pickup (R.H. Governor)
- 12. L.H. Fuselage Engine Accessories Connector
- 13. L.H. Firewall Engine Accessories Connector

Propeller Synchronizer
P-83 and after

**BEECHCRAFT
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LIST OF PAGES
FOR
CHAPTER 71-00-00 POWER PLANT

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71-00-00	1	11/02/73	71-10-01	2	11/02/73	71-10-02	2	11/02/73
71-00-00	2	11/02/73	71-10-01	3	11/02/73	71-10-02	3	11/02/73
71-10-01	1	11/02/73	71-10-02	1	11/02/73			

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CHAPTER 71

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Cowl Flaps P-4 thru P-61	71-10-01	1 thru 3
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“END”

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

71-10-01
COWL FLAP ACTUATOR
P-4 THRU P-61

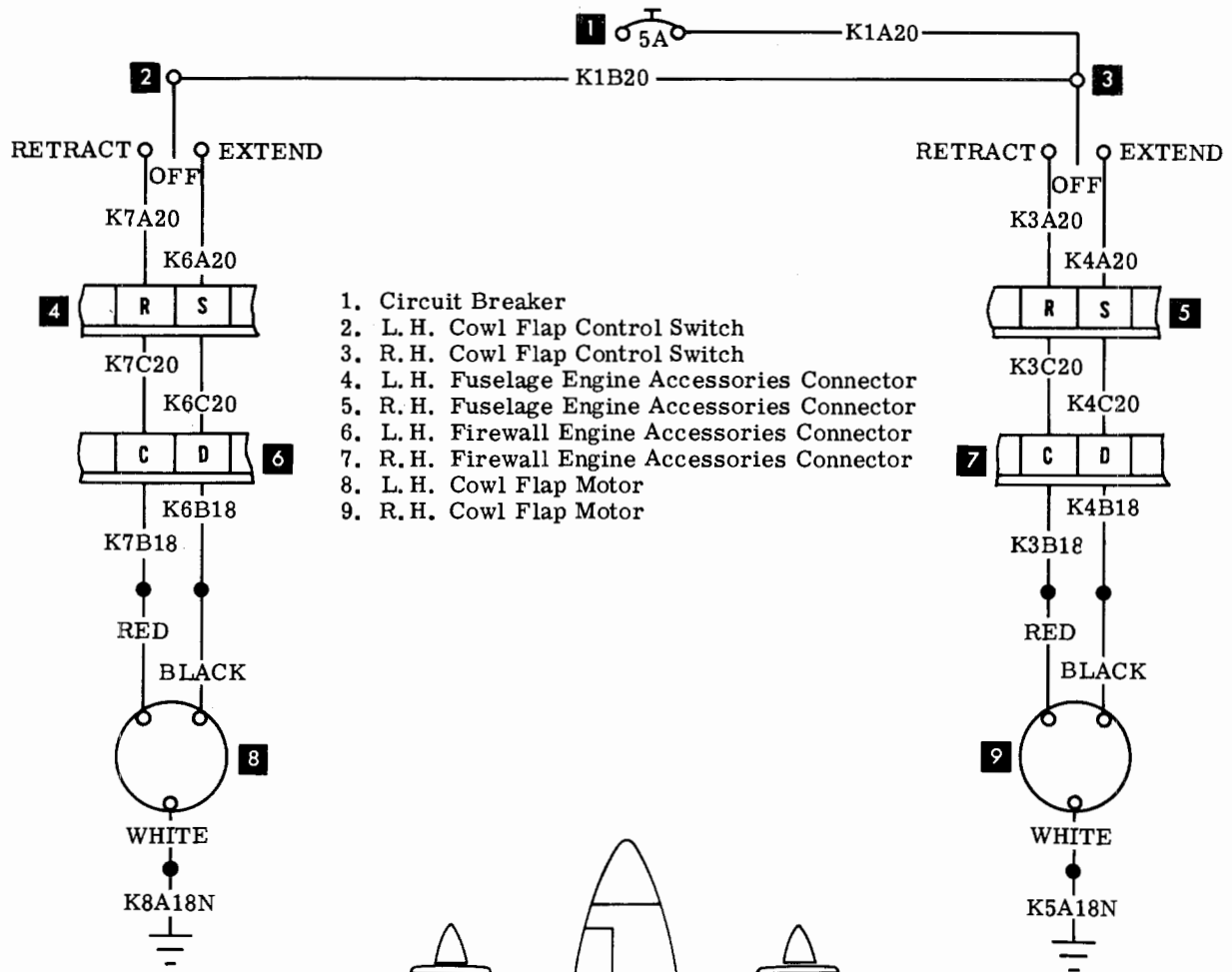
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
			1	2	3	4	5	6	7		
10-01 - 1	MS26574-5	CIRCUIT BREAKER,COWL FLAP ACTUATOR								1	1
- 2	35-380053-651	SWITCH ASSY,LH COWL FLAP CONTROL.								1	1
- 3	35-380053-651	SWITCH ASSY,RH COWL FLAP CONTROL.								1	1
- 4	PT07E22-21S	CONNECTOR,FUSELAGE LH ENGINE ACCESSORIES.								1	1
	PT06A22-21P	CONNECTOR,FUSELAGE LH ENGINE ACCESSORIES.								1	1
	AN960-2616L	WASHER,CONNECTOR.								1	1
- 5	PT07E22-21S	CONNECTOR,FUSELAGE RH ENGINE ACCESSORIES.								1	1
	PT06A22-21P	CONNECTOR,FUSELAGE RH ENGINE ACCESSORIES.								1	1
	AN960-1616L	WASHER,CONNECTOR.								1	1
- 6	MS3400K22-14S	CONNECTOR,LH FIREWALL ENGINE ACCESSORIES.								1	1
	MS3106A/B22-14P	CONNECTOR,LH FIREWALL ENGINE ACCESSORIES.								1	1
- 7	MS3400K22-14S	CONNECTOR,RH FIREWALL ENGINE ACCESSORIES.								1	1
	MS3106A/B22-14P	CONNECTOR,RH FIREWALL ENGINE ACCESSORIES.								1	1
- 8	96-380021-15	MOTOR,LH COWL FLAP.								1	1
- 9	96-380021-15	MOTOR,RH COWL FLAP.								1	1

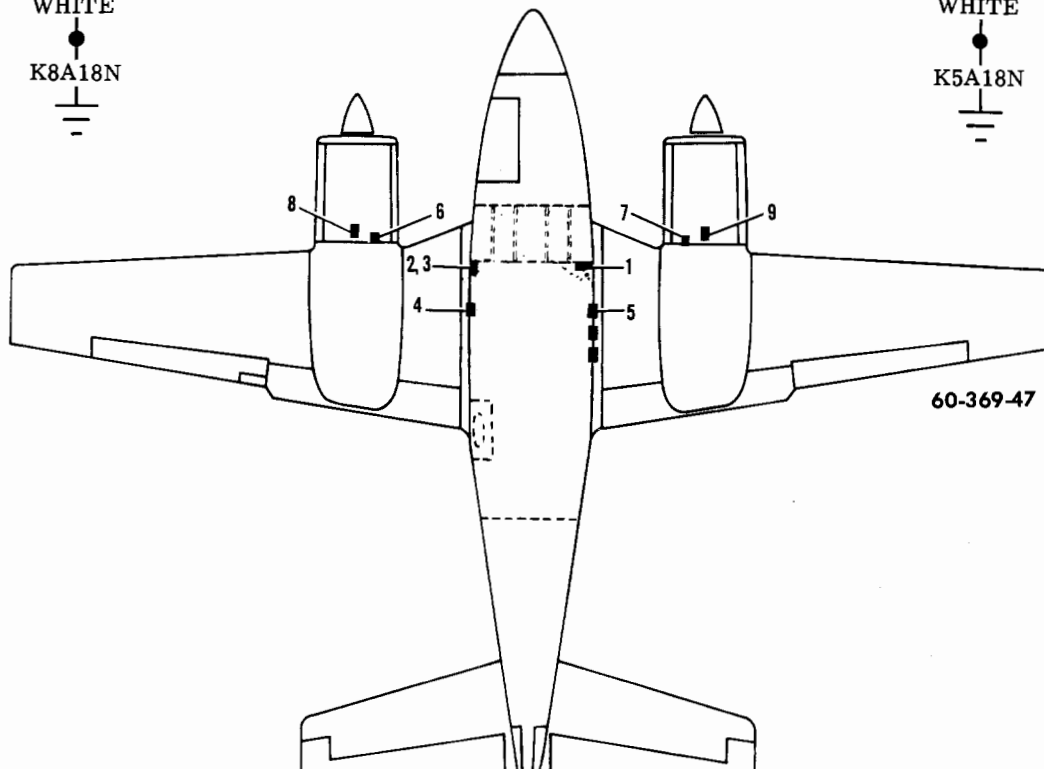
CODES OF EFFECTIVITY

1 P-4 THRU P-61

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



1. Circuit Breaker
2. L. H. Cowl Flap Control Switch
3. R. H. Cowl Flap Control Switch
4. L. H. Fuselage Engine Accessories Connector
5. R. H. Fuselage Engine Accessories Connector
6. L. H. Firewall Engine Accessories Connector
7. R. H. Firewall Engine Accessories Connector
8. L. H. Cowl Flap Motor
9. R. H. Cowl Flap Motor



60-369-47

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

71-10-02
COWL FLAP ACTUATOR
P-62 AND AFTER

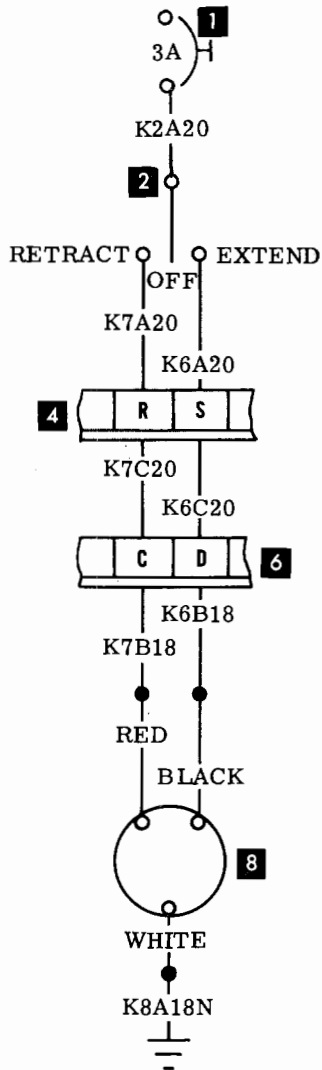
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	I 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
10-02 - 1	MS26574-3	CIRCUIT BREAKER,COWL FLAP ACTUATOR.								2	1
- 2	35-380053-651	SWITCH ASSY,LH COWL FLAP CONTROL.								1	1
- 3	35-380053-651	SWITCH ASSY,RH COWL FLAP CONTROL.								1	1
- 4	PT07E22-21S	CONNECTOR,FUSELAGE LH ENGINE ACCESSORIES.								1	1
	PT06A22-21P	CONNECTOR,FUSELAGE LH ENGINE ACCESSORIES.								1	1
	AN960-2616L	WASHER,CONNECTOR.								1	1
- 5	PT07E22-21S	CONNECTOR,FUSELAGE RH ENGINE ACCESSORIES.								1	1
	PT06A22-21P	CONNECTOR,FUSELAGE RH ENGINE ACCESSORIES.								1	1
	AN960-1616L	WASHER,CONNECTOR.								1	1
- 6	MS3400K22-14S	CONNECTOR,LH FIREWALL ENGINE ACCESSORIES.								1	1
	MS3106A/B22-14P	CONNECTOR,LH FIREWALL ENGINE ACCESSORIES.								1	1
- 7	MS3400K22-14S	CONNECTOR,RH FIREWALL ENGINE ACCESSORIES.								1	1
	MS3106A/B22-14P	CONNECTOR,RH FIREWALL ENGINE ACCESSORIES.								1	1
- 8	96-380021-15	MOTOR,LH COWL FLAP.								1	1
- 9	96-380021-15	MOTOR,RH COWL FLAP.								1	1

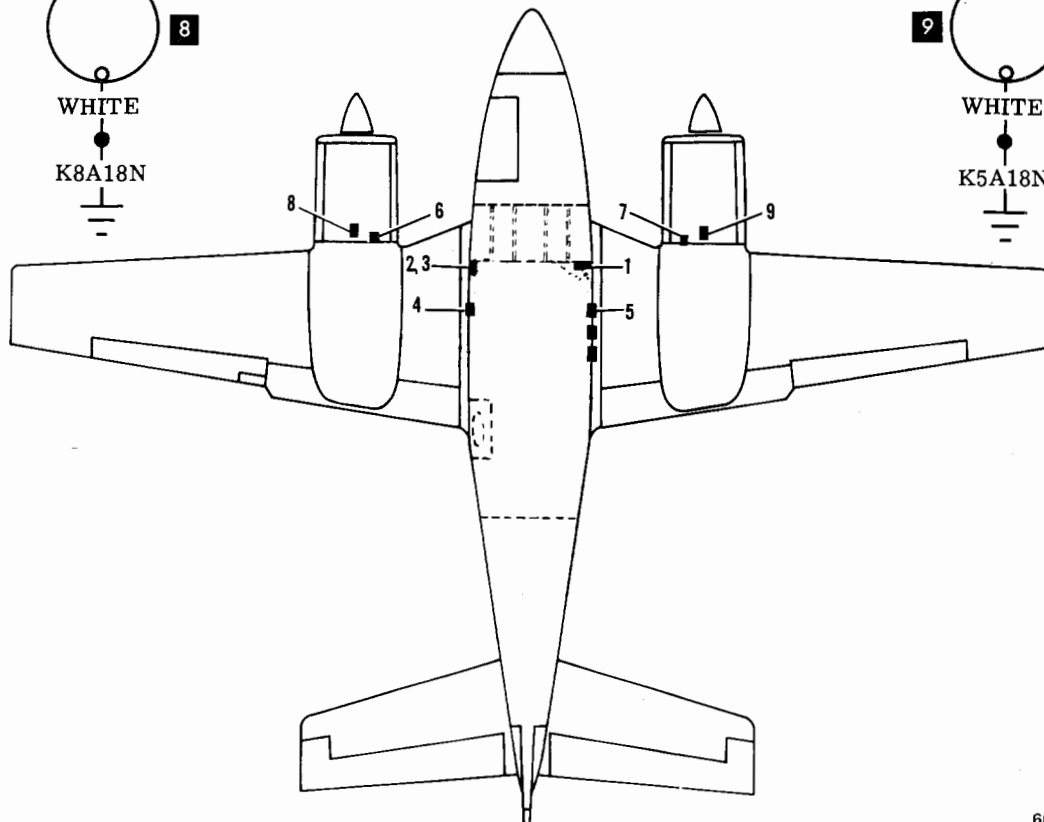
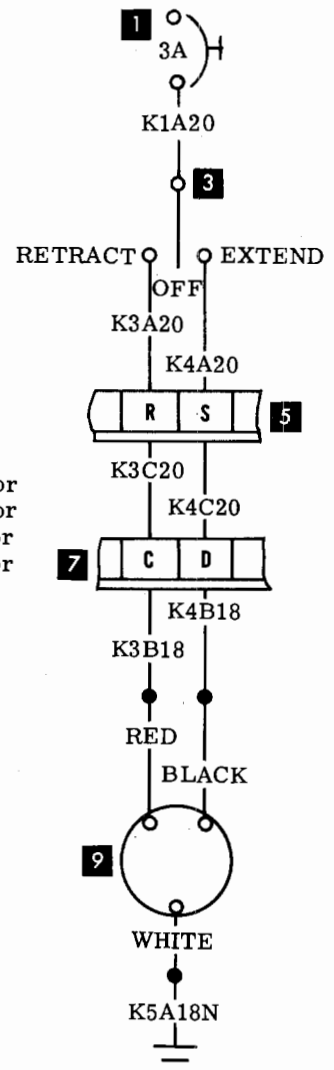
CODES OF EFFECTIVITY

1 P-62 AND AFTER

BEECHCRAFT DUKE 60 SERIES WIRING DIAGRAM MANUAL



1. Circuit Breaker
2. L. H. Cowl Flap Control Switch
3. R. H. Cowl Flap Control Switch
4. L. H. Fuselage Engine Accessories Connector
5. R. H. Fuselage Engine Accessories Connector
6. L. H. Firewall Engine Accessories Connector
7. R. H. Firewall Engine Accessories Connector
8. L. H. Cowl Flap Motor
9. R. H. Cowl Flap Motor



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**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

LIST OF PAGES
FOR
CHAPTER 73-00-00 ENGINE FUEL AND CONTROL

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73-00-00	1	11/02/73	73-30-01	1	11/02/73	73-30-01	3	11/02/73
73-00-00	2	11/02/73	73-30-01	2	11/02/73			

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DUKE 60 SERIES
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**CHAPTER 73
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“END”

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

73-30-01
FUEL FLOW INDICATOR

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS							USABLE ON CODE	
			1	2	3	4	5	6	7		PER ASSY
30-01 - 1	MS26574-5	CIRCUIT BREAKER,FUEL FLOW								1	
- 2	PT07E22-41S	CONNECTOR,FUSELAGE LH WING ACCESSORIES.								1	
	PT06A22-41P	CONNECTOR,FUSELAGE LH WING ACCESSORIES.								1	
	AN960-2616L	WASHER,CONNECTOR.								1	
- 3	50-380097	INVERTER,FUEL FLOW INDICATOR POWER SUPPLY								1	
	MS3106A/B14S2S	CONNECTOR,FUEL FLOW INDICATOR INVERTER.								1	
- 4	PT07E22-21S	CONNECTOR,FUSELAGE LH ENGINE ACCESSORIES.								1	
	PT06A22-21P	CONNECTOR,FUSELAGE LH ENGINE ACCESSORIES.								1	
	AN960-2616L	WASHER,CONNECTOR.								1	
- 5	GBA1	FUSE,FUEL FLOW INDICATOR.								1	
	HLD	FUSEHOLDER.								1	
- 6	60-384070-1	INDICATOR,FUEL FLOW								1	
	MS3106A/B16S1S	CONNECTOR,FUEL FLOW INDICATOR								1	
- 7	MS27212-1-8	TERMINAL BOARD,LH SUBPANEL.								1	
	114675A1-8	STRIP,TERMINAL IDENTIFICATION								1	
- 8	PT07E22-21S	CONNECTOR,FUSELAGE RH ENGINE ACCESSORIES.								1	
	PT06A22-21P	CONNECTOR,FUSELAGE RH ENGINE ACCESSORIES.								1	
	AN960-1616L	WASHER,CONNECTOR.								1	
- 9	MS3400K22-14S	CONNECTOR,LH FIREWALL ENGINE ACCESSORIES.								1	
	MS3106A/B22-14P	CONNECTOR,LH FIREWALL ENGINE ACCESSORIES.								1	
- 10	MS3400K22-14S	CONNECTOR,RH FIREWALL ENGINE ACCESSORIES.								1	
	MS3106A/B22-14P	CONNECTOR,RH FIREWALL ENGINE ACCESSORIES.								1	
- 11	9133-5481	TRANSMITTER,FUEL FLOW LH.								1	
- 12	9133-5481	TRANSMITTER,FUEL FLOW RH.								1	

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LIST OF PAGES
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CHAPTER 77-00-00 ENGINE INDICATING

SYS/SUB-SYS/ CHAP SECTION	PAGE NO.	DATE	SYS/SUB-SYS/ CHAP SECTION	PAGE NO.	DATE	SYS/SUB-SYS/ CHAP SECTION	PAGE NO.	DATE
77-00-00	1	11/02/73	77-20-01	2	11/02/73	77-21-02	2	11/02/73
77-00-00	2	11/02/73	77-20-01	3	11/02/73	77-21-02	3	11/02/73
77-10-01	1	11/02/73	77-21-01	1	11/02/73	77-21-03	1	11/02/73
77-10-01	2	11/02/73	77-21-01	2	11/02/73	77-21-03	2	11/02/73
77-10-01	3	11/02/73	77-21-01	3	11/02/73	77-21-03	3	11/02/73
77-20-01	1	11/02/73	77-21-02	1	11/02/73			

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Cylinder Head and Oil Temperature Indicator	77-21-01	1 thru 3
P-4 thru P-61		
P-62 thru P-192	77-21-02	1 thru 3
P-193 and after	77-21-03	1 thru 3

“END”

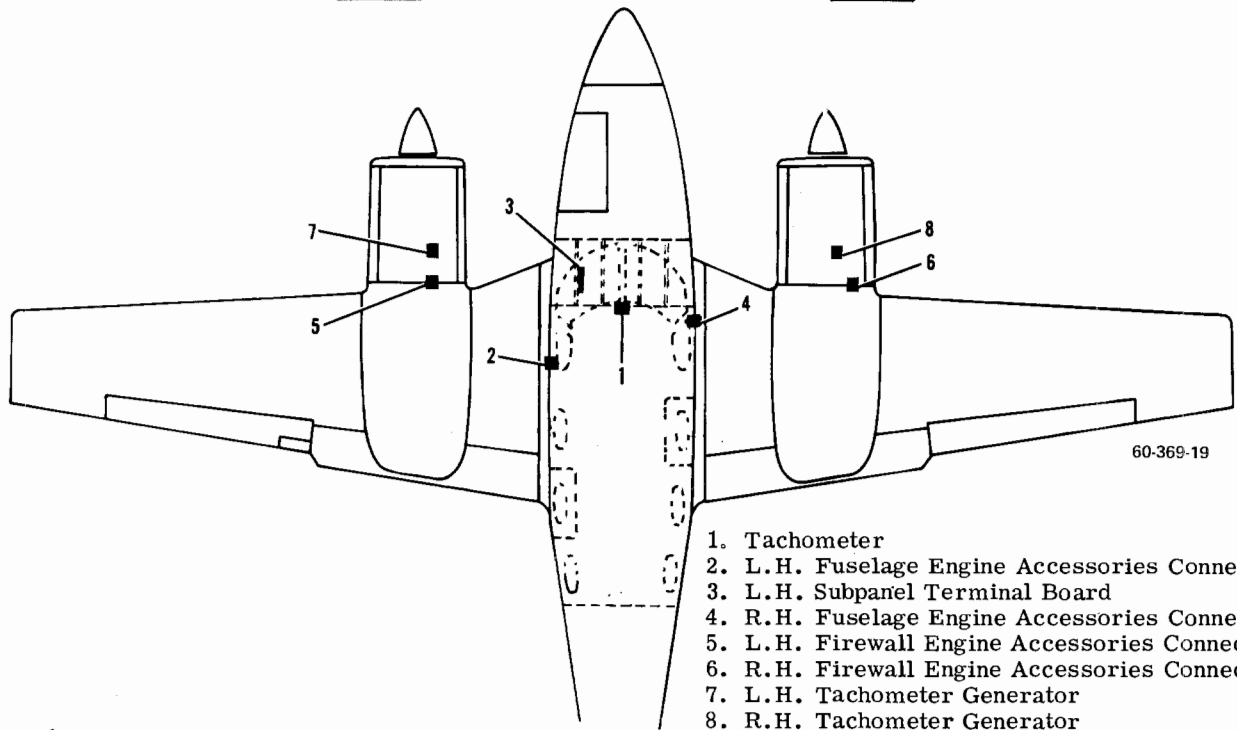
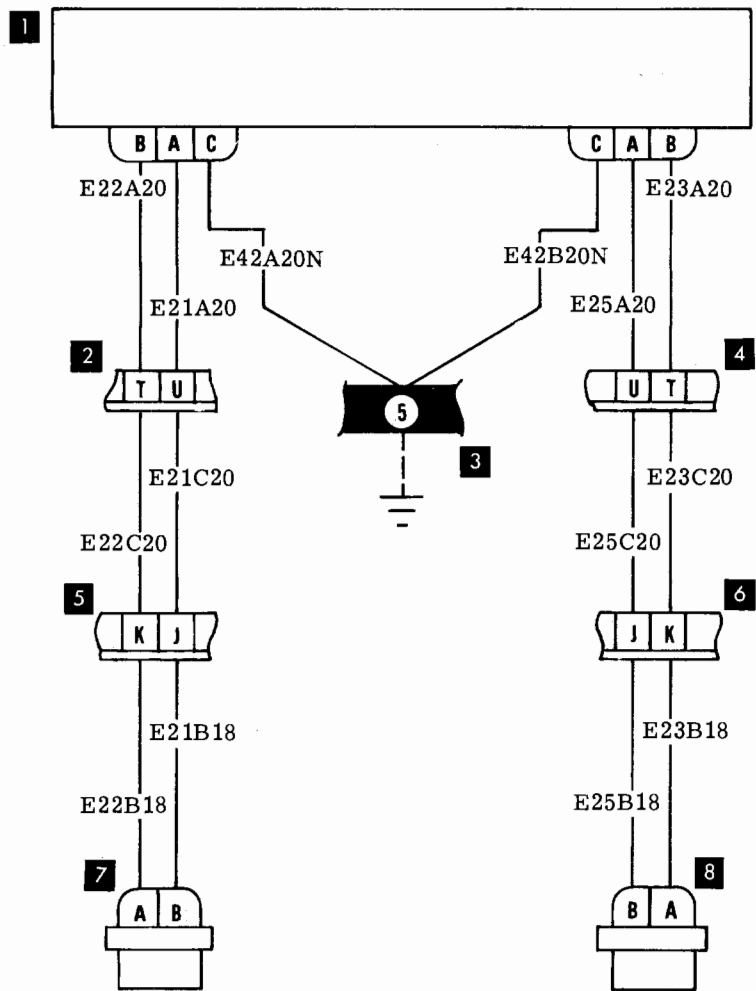
BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

77-10-01
TACHOMETER

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
10-01 - 1	96-380014-5	TACHOMETER.								1	
	50-380010-27	TACHOMETER /WITH SYNCHROSCOPE/.								1	
	MS3106A/B14S1S	CONNECTOR, TACHOMETER.								1	
- 2	PT07E22-21S	CONNECTOR, FUSELAGE LH ENGINE ACCESSORIES.								1	
	PT06A22-21P	CONNECTOR, FUSELAGE LH ENGINE ACCESSORIES.								1	
	AN960-2616L	WASHER, CONNECTOR.								1	
- 3	MS27212-1-8	TERMINAL BOARD, SUBPANEL LH.								1	
	114675A1-8	STRIP, TERMINAL IDENTIFICATION								1	
- 4	PT07E22-21S	CONNECTOR, FUSELAGE RH ENGINE ACCESSORIES.								1	
	PT06A22-21P	CONNECTOR, FUSELAGE RH ENGINE ACCESSORIES.								1	
	AN960-1616L	WASHER, CONNECTOR.								1	
- 5	MS3400K22-14S	CONNECTOR, LH FIREWALL ENGINE ACCESSORIES.								1	
	MS3106A/B22-14P	CONNECTOR, LH FIREWALL ENGINE ACCESSORIES.								1	
- 6	MS3400K22-14S	CONNECTOR, RH FIREWALL ENGINE ACCESSORIES.								1	
	MS3106A/B22-14P	CONNECTOR, RH FIREWALL ENGINE ACCESSORIES.								1	
- 7	60-910052	GENERATOR ASSY, LH TACHOMETER.								1	
- 8	60-910052	GENERATOR ASSY, RH TACHOMETER.								1	
	MS3106A/B12S3S	CONNECTOR, TACHOMETER GENERATOR.								1	

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60-369-19

Tachometer

1. Tachometer
2. L.H. Fuselage Engine Accessories Connector
3. L.H. Subpanel Terminal Board
4. R.H. Fuselage Engine Accessories Connector
5. L.H. Firewall Engine Accessories Connector
6. R.H. Firewall Engine Accessories Connector
7. L.H. Tachometer Generator
8. R.H. Tachometer Generator

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

77-20-01
TURBINE INLET TEMPERATURE INDICATOR

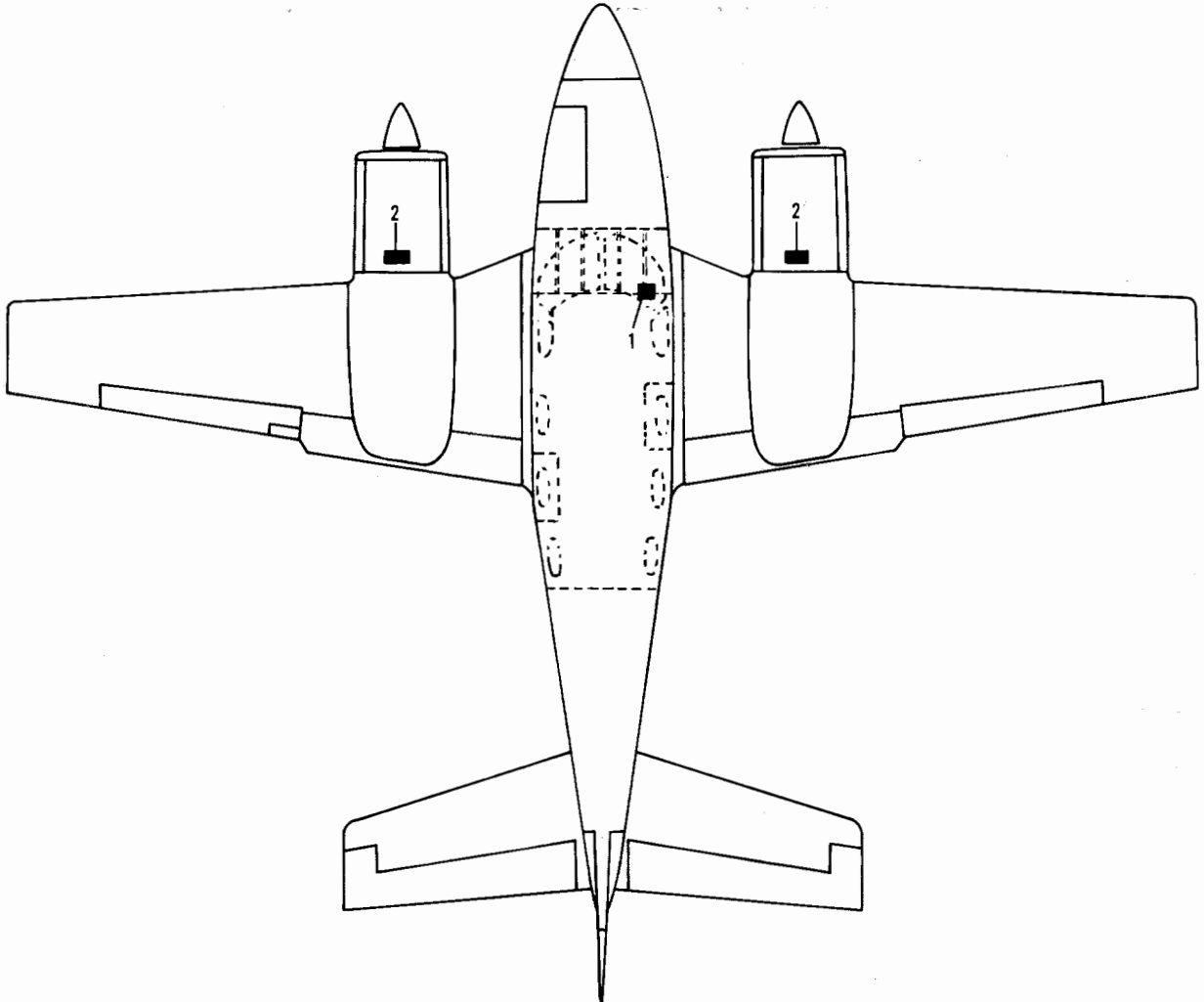
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
20-01 - 1	146	INDICATOR, MIXTURE CONTROL	1	1
	205-16A	INDICATOR, MIXTURE CONTROL	1	2
	A8970-2-327	LIGHT ASSY, MIXTURE CONTROL INDICATOR POST	2	
	327	. BULB, POST LIGHT	1	
	60-324085	PLACARD, WARRANTY.	2	
- 2	MODEL H	PROBE, EXHAUST GAS TEMPERATURE	2	1
	MCI-A106H	PROBE, EXHAUST GAS TEMPERATURE	2	3
	MCI-A106J1	PROBE, EXHAUST GAS TEMPERATURE	2	4
	106-16	LEAD, MIXTURE PROBE.	2	1
	MCI-A106-16	LEAD, MIXTURE.	2	2

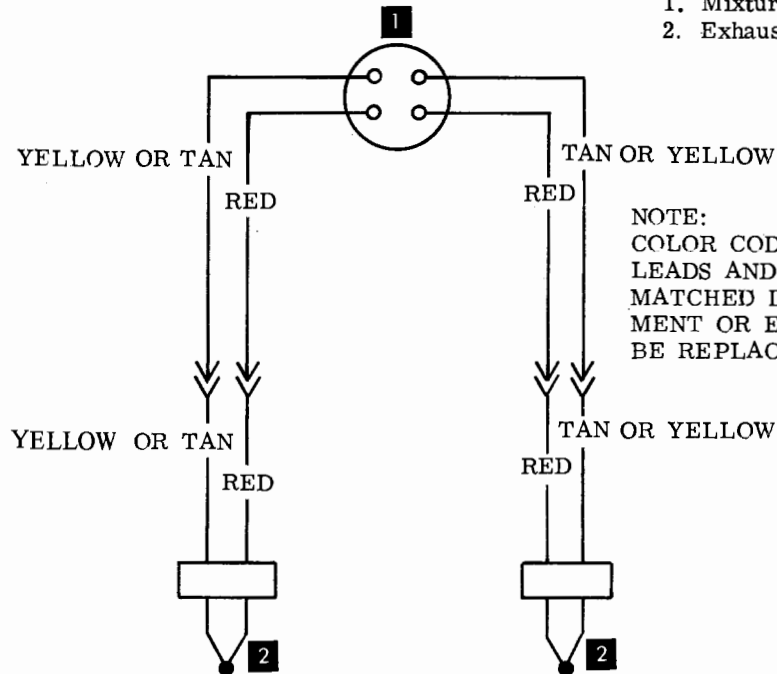
CODES OF EFFECTIVITY

1 P-4 THRU P-86	2 P-87 AND AFTER
3 P-87 THRU P-143	4 P-144 AND AFTER

**BEECHCRAFT
DUKE 60 SERIES
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- 1. Mixture Control Indicator
- 2. Exhaust Gas Temperature Probe



NOTE:
COLOR CODE ON INSTRUMENT,
LEADS AND PROBES MUST BE
MATCHED DURING REPLACE-
MENT OR ENTIRE SYSTEM MUST
BE REPLACED

Turbine Inlet Temperature Indicator

60-369-25

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

77-21-01
CYLINDER HEAD AND OIL TEMPERATURE INDICATOR
P-4 THRU P-61

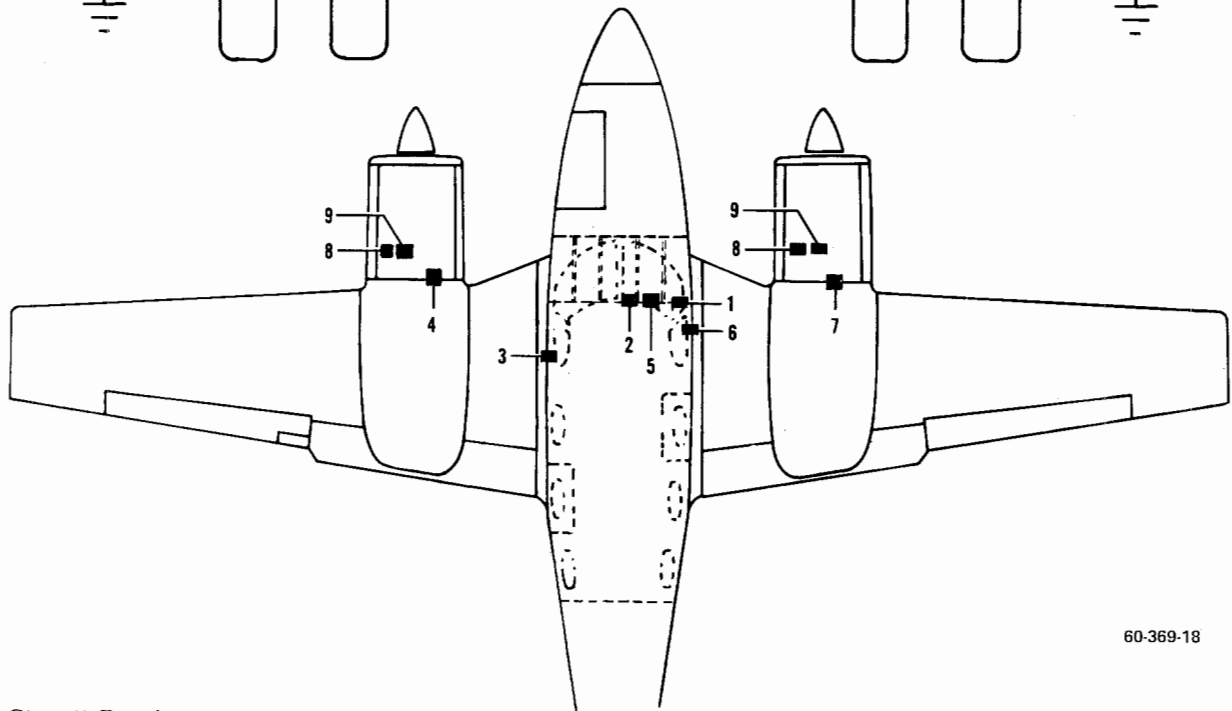
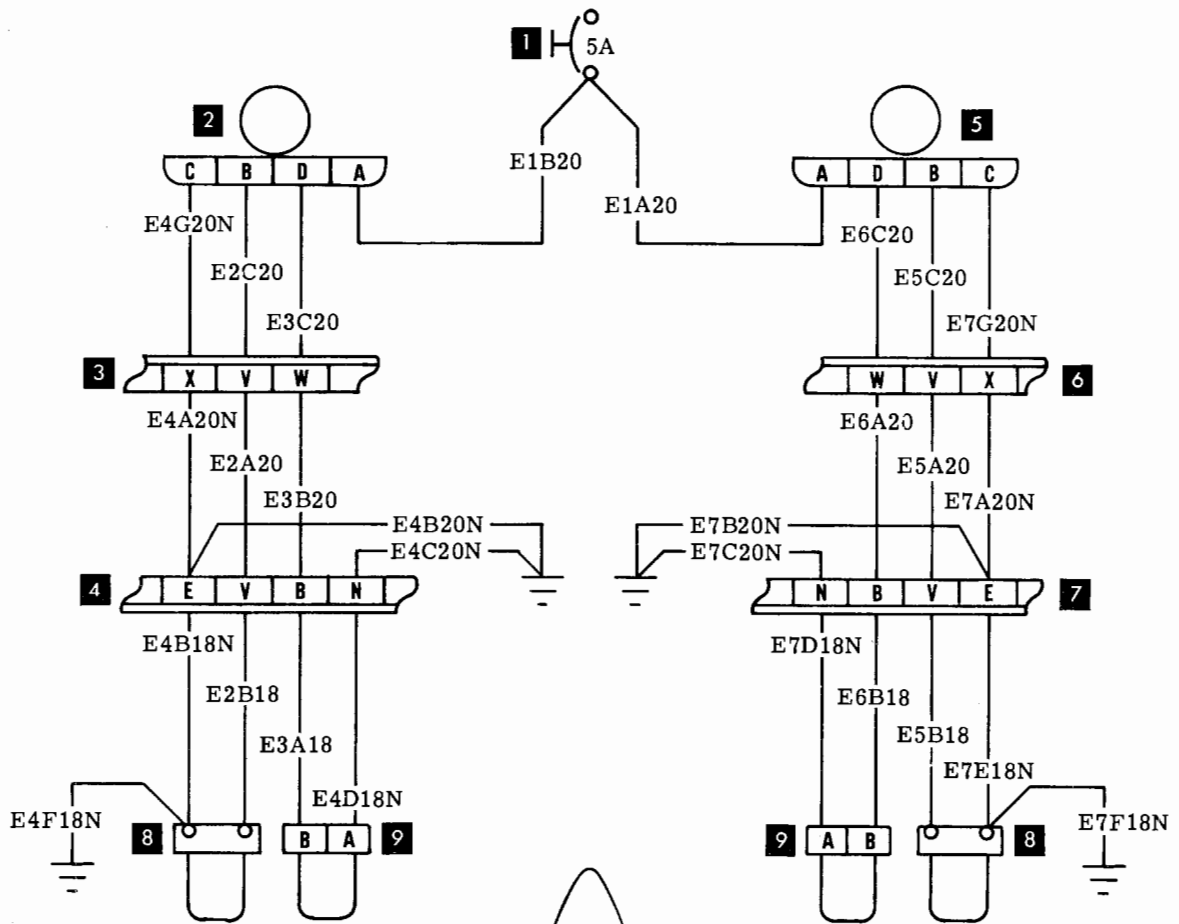
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
21-01 - 1	MS26574-5	CIRCUIT BREAKER,CYLINDER HEAD & OIL TEMPERATURE								1	1
- 2	50-389080	INDICATOR,LH ENGINE /CYLINDER HEAD & OIL TEMP . & OIL PRESSURE/								1	1
	MS3106A/B14S2S	CONNECTOR,ENGINE INDICATOR.								1	1
- 3	PT07E22-21S	CONNECTOR,FUSELAGE LH ENGINE ACCESSORIES.								1	1
	PT06A22-21P	CONNECTOR,FUSELAGE LH ENGINE ACCESSORIES.								1	1
	AN960-2616L	WASHER,CONNECTOR.								1	1
- 4	MS3400K22-14S	CONNECTOR,LH FIREWALL ENGINE ACCESSORIES.								1	1
	MS3106A/B22-14P	CONNECTOR,LH FIREWALL ENGINE ACCESSORIES.								1	1
- 5	50-389080	INDICATOR,RH ENGINE /CYLINDER HEAD & OIL TEMP .								1	1
	MS3106A/B14S2S	CONNECTOR,ENGINE INDICATOR. & OIL PRESSURE/								1	1
- 6	PT07E22-21S	CONNECTOR,FUSELAGE RH ENGINE ACCESSORIES.								1	1
	PT06A22-21P	CONNECTOR,FUSELAGE RH ENGINE ACCESSORIES.								1	1
	AN960-1616L	WASHER,CONNECTOR.								1	1
- 7	MS3400K22-14S	CONNECTOR,RH FIREWALL ENGINE ACCESSORIES.								1	1
	MS3106A/B22-14P	CONNECTOR,RH FIREWALL ENGINE ACCESSORIES.								1	1
- 8	AN5546-1	BULB,CYLINDER HEAD TEMPERATURE.								1	1
	AN4076-1	FITTING,CYLINDER HEAD TEMPERATURE BULB.								1	1
- 9	MS28034-1	BULB,OIL TEMPERATURE.								1	1

CODES OF EFFECTIVITY

1 P-4 THRU P-61

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



60-369-18

- | | |
|---|---|
| 1. Circuit Breaker | 6. R.H. Fuselage Engine Accessories Connector |
| 2. L.H. Cylinder Head and Oil Temperature Indicator | 7. R.H. Firewall Engine Accessories Connector |
| 3. L.H. Fuselage Engine Accessories Connector | 8. Cylinder Head Temperature Bulb |
| 4. L.H. Firewall Engine Accessories Connector | 9. Oil Temperature Bulb |
| 5. R.H. Cylinder Head and Oil Temperature Indicator | |

**Cylinder Head and Oil Temperature Indicator
P-4 thru P-61**

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

77-21-02
CYLINDER HEAD AND OIL TEMPERATURE INDICATOR
P-62 THRU P-192

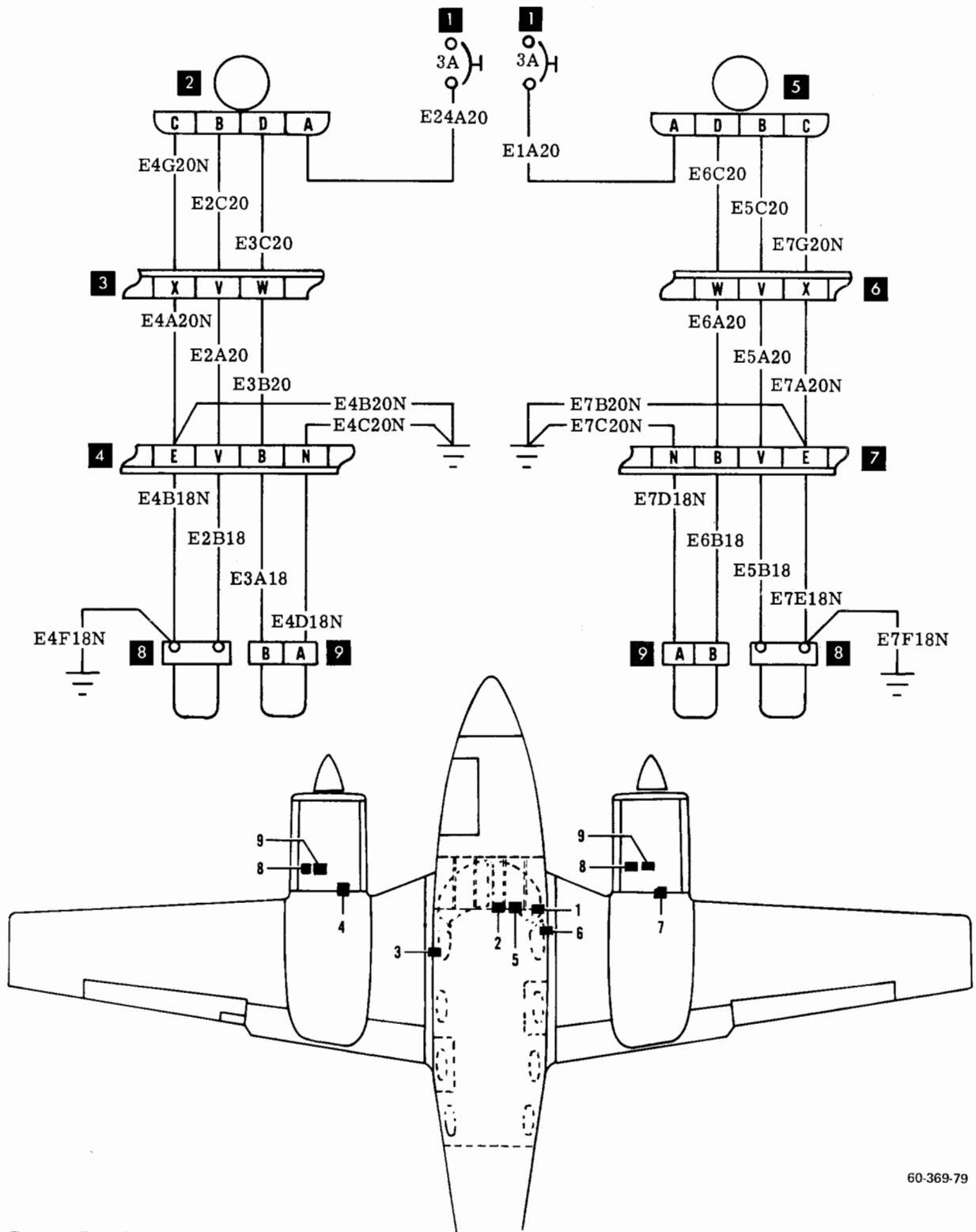
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
			1	2	3	4	5	6	7		
21-02 - 1	MS26574-3	CIRCUIT BREAKER, CYLINDER HEAD & OIL TEMPERATURE								2	1
	50-389080	INDICATOR, LH ENGINE /CYLINDER HEAD & OIL TEMP . & OIL PRESSURE/								1	2
- 2	50-389080-1	INDICATOR, LH ENGINE /CYLINDER HEAD & OIL TEMP . & OIL PRESSURE/								1	3
	MS3106A/B14S2S	CONNECTOR, ENGINE INDICATOR.								1	1
- 3	PT07E22-21S	CONNECTOR, FUSELAGE LH ENGINE ACCESSORIES.								1	1
	PT06A22-21P	CONNECTOR, FUSELAGE LH ENGINE ACCESSORIES.								1	1
- 4	AN960-2616L	WASHER, CONNECTOR.								1	1
	MS3400K22-14S	CONNECTOR, LH FIREWALL ENGINE ACCESSORIES.								1	1
- 5	MS3106A/B22-14P	CONNECTOR, LH FIREWALL ENGINE ACCESSORIES.								1	1
	50-389080	INDICATOR, RH ENGINE /CYLINDER HEAD & OIL TEMP .								1	2
- 6	MS3106A/B14S2S	CONNECTOR, ENGINE INDICATOR.								1	1
	50-389080-1	INDICATOR, RH ENGINE /CYLINDER HEAD & OIL TEMP . & OIL PRESSURE/								1	3
- 7	PT07E22-21S	CONNECTOR, FUSELAGE RH ENGINE ACCESSORIES.								1	1
	PT06A22-21P	CONNECTOR, FUSELAGE RH ENGINE ACCESSORIES.								1	1
- 8	AN960-1616L	WASHER, CONNECTOR.								1	1
	MS3400K22-14S	CONNECTOR, RH FIREWALL ENGINE ACCESSORIES.								1	1
- 9	MS3106A/B22-14P	CONNECTOR, RH FIREWALL ENGINE ACCESSORIES.								1	1
	AN5546-1	BULB, CYLINDER HEAD TEMPERATURE.								1	1
- 8	AN4076-1	FITTING, CYLINDER HEAD TEMPERATURE BULB.								1	1
	MS28034-1	BULB, OIL TEMPERATURE.								1	1

CODES OF EFFECTIVITY

- | | |
|------------------------------|-----------------------------------|
| 1 P-62 THRU P-192 | 2 P-62 THRU P-126
EXCEPT P-123 |
| 3 P-123,
P-127 THRU P-192 | |

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



60-369-79

- 1. Circuit Breaker
- 2. L.H. Cylinder Head and Oil Temperature Indicator
- 3. L.H. Fuselage Engine Accessories Connector
- 4. L.H. Firewall Engine Accessories Connector
- 5. R.H. Cylinder Head and Oil Temperature Indicator

- 6. R.H. Fuselage Engine Accessories Connector
- 7. R.H. Firewall Engine Accessories Connector
- 8. Cylinder Head Temperature Bulb
- 9. Oil Temperature Bulb

**Cylinder Head and Oil Temperature Indicator
P-62 thru P-192**

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

77-21-03
CYLINDER HEAD AND OIL TEMPERATURE INDICATOR
P-193 AND AFTER

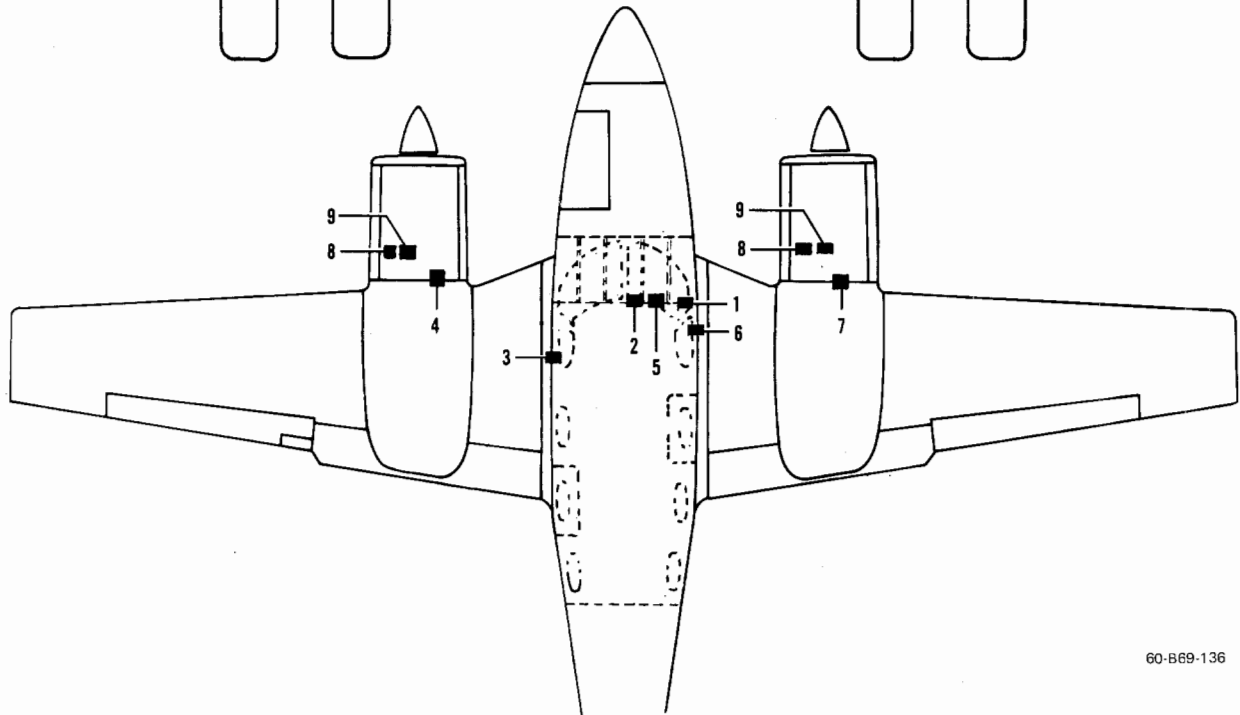
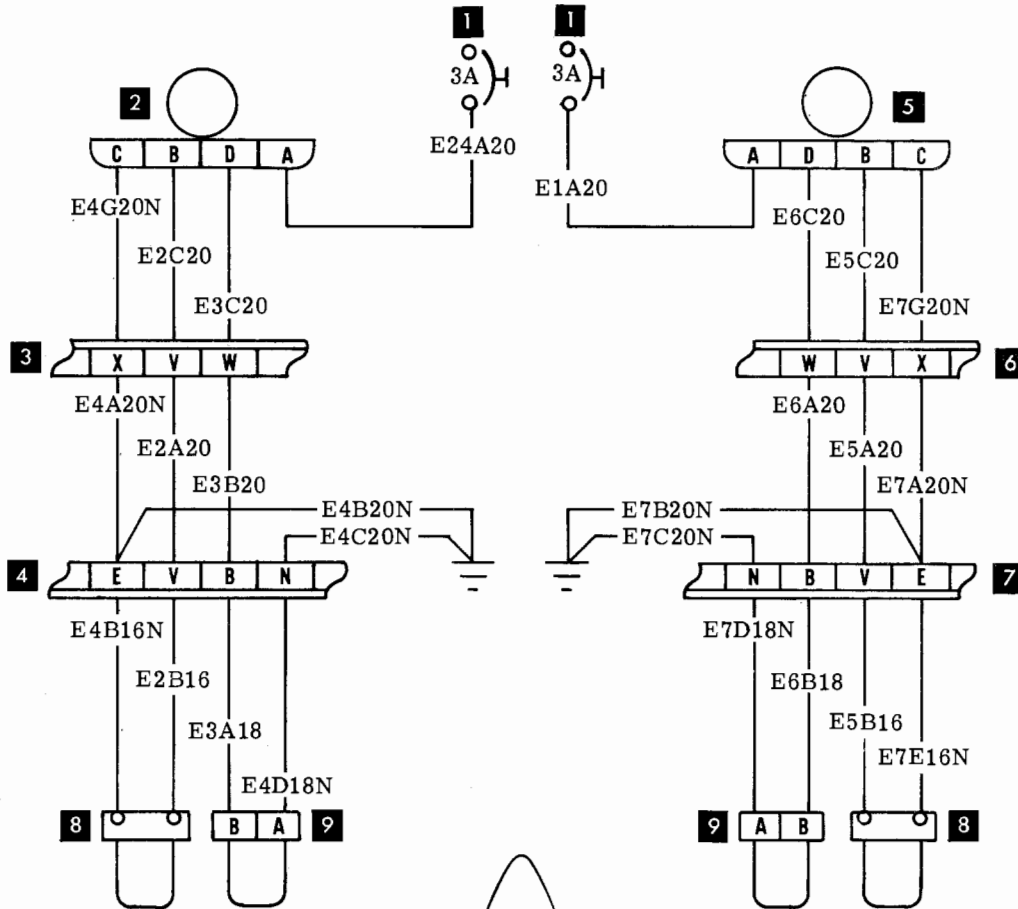
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
21-03 - 1	MS26574-3	CIRCUIT BREAKER,CYLINDER HEAD & OIL TEMPERATURE								2	1
- 2	50-389080-1	INDICATOR,LH ENGINE /CYLINDER HEAD & OIL TEMP . & OIL PRESSURE/								1	1
- 3	MS3106A/B14S2S	CONNECTOR,ENGINE INDICATOR.								1	1
	PT07E22-21S	CONNECTOR,FUSELAGE LH ENGINE ACCESSORIES.								1	1
	PT06A22-21P	CONNECTOR,FUSELAGE LH ENGINE ACCESSORIES.								1	1
	AN960-2616L	WASHER,CONNECTOR.								1	1
- 4	MS3400K22-14S	CONNECTOR,LH FIREWALL ENGINE ACCESSORIES.								1	1
	MS3106A/B22-14P	CONNECTOR,LH FIREWALL ENGINE ACCESSORIES.								1	1
- 5	50-389080-1	INDICATOR,RH ENGINE /CYLINDER HEAD & OIL TEMP .								1	1
	MS3106A/B14S2S	CONNECTOR,ENGINE INDICATOR.								1	1
- 6	PT07E22-21S	CONNECTOR,FUSELAGE RH ENGINE ACCESSORIES.								1	1
	PT06A22-21P	CONNECTOR,FUSELAGE RH ENGINE ACCESSORIES.								1	1
	AN960-1616L	WASHER,CONNECTOR.								1	1
- 7	MS3400K22-14S	CONNECTOR,RH FIREWALL ENGINE ACCESSORIES.								1	1
	MS3106A/B22-14P	CONNECTOR,RH FIREWALL ENGINE ACCESSORIES.								1	1
- 8	AN5546-1	BULB,CYLINDER HEAD TEMPERATURE.								1	1
	AN4076-1	FITTING,CYLINDER HEAD TEMPERATURE BULB.								1	1
- 9	MS28034-1	BULB,OIL TEMPERATURE.								1	1

CODES OF EFFECTIVITY

1 P-193 AND AFTER

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



60-869-136

- | | |
|--|--|
| <ul style="list-style-type: none"> 1. Circuit Breaker 2. L. H. Cylinder Head and Oil Temperature Indicator 3. L. H. Fuselage Engine Accessories Connector 4. L. H. Firewall Engine Accessories Connector 5. R. H. Cylinder Head and Oil Temperature Indicator | <ul style="list-style-type: none"> 6. R. H. Fuselage Engine Accessories Connector 7. R. H. Firewall Engine Accessories Connector 8. Cylinder Head Temperature Bulb 9. Oil Temperature Bulb |
|--|--|

**Cylinder Head and Oil Temperature Indicator
P-193 and after**

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

LIST OF PAGES
FOR
CHAPTER 80-00-00 STARTING

SYS/SUB-SYS/ CHAP SECTION	PAGE NO.	DATE	SYS/SUB-SYS/ CHAP SECTION	PAGE NO.	DATE	SYS/SUB-SYS/ CHAP SECTION	PAGE NO.	DATE
80-00-00	1	11/02/73	80-10-01	3	11/02/73	80-10-03	1	11/02/73
80-00-00	2	11/02/73	80-10-02	1	11/02/73	80-10-03	2	11/02/73
80-10-01	1	11/02/73	80-10-02	2	11/02/73	80-10-03	3	11/02/73
80-10-01	2	11/02/73	80-10-02	3	11/02/73			

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

**CHAPTER 80
TABLE OF CONTENTS**

SUBJECT	CHAPTER SECTION SUBJECT	PAGE
STARTING	80	
Cranking	80-10	
Starter and Ignition P-4 thru P-69	80-10-01	1 thru 3
P-70 thru P-182	80-10-02	1 thru 3
P-183 and after	80-10-03	1 thru 3

“END”

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

80-10-01
STARTER AND IGNITION
P-4 THRU P-69

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY							USABLE ON CODE
			1	2	3	4	5	6	7	
10-01 - 1	MS26574-5	CIRCUIT BREAKER,IGNITION.							1	1
- 2	10-176487-242	VIBRATOR,STARTING							1	1
- 3	10-357250-1	SWITCH,ENGINE IGNITION /SUPERSEDES 10-126660-1/							2	1
- 4	S6LN1208	MAGNETO,LH /10-349290-2/.							1	1
- 5	S6RN1209	MAGNETO,RH /10-349290-4/.							1	1
- 6	S6LN1208	MAGNETO,LH /10-349290-2/.							1	1
- 7	S6RN1209	MAGNETO,RH /10-349290-4/.							1	1
- 8	PT07E22-41S	CONNECTOR,FUSELAGE LH WING ACCESSORIES.							1	1
	PT06A22-41P	CONNECTOR,FUSELAGE LH WING ACCESSORIES.							1	1
	AN960-2616L	WASHER,CONNECTOR.							1	1
- 9	MS3100K32-15S	CONNECTOR,LH & RH FIREWALL GENERATOR & STARTER.							2	1
	MS3106A/B32-15P	CONNECTOR,LH & RH FIREWALL GENERATOR & STARTER.							2	1
- 10	MS27212-5-2	TERMINAL BOARD,LH WING STUB							1	1
- 11	MS27212-5-2	TERMINAL BOARD,RH WING STUB							1	1
- 12	MHB4002	STARTER,LH.							1	1
- 13	6041H189	RELAY,LH STARTER.							1	1
- 14	6041H189	RELAY,RH STARTER.							1	1
- 15	414-189412	BUS BAR,BATTERY TO STARTER RELAY.							1	1
- 16	MHB4002	STARTER,RH.							1	1
- 17	1N4005	DIODE							2	1

CODES OF EFFECTIVITY

1 P-4 THRU P-69

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

80-10-02
STARTER AND IGNITION
P-70 THRU P-182

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
10-02 - 1	MS26574-5	CIRCUIT BREAKER,IGNITION.								1	1
- 2	10-176487-242	VIBRATOR,STARTING								1	1
- 3	10-357250-1	SWITCH,ENGINE IGNITION /SUPERSEDES 10-126660-1/								2	1
- 4	S6LN1208	MAGNETO,LH /10-349290-2/.								1	1
- 5	S6RN1209	MAGNETO,RH /10-349290-4/.								1	1
- 6	S6LN1208	MAGNETO,LH /10-349290-2/.								1	1
- 7	S6RN1209	MAGNETO,RH /10-349290-4/.								1	1
- 8	PT07E22-41S	CONNECTOR,FUSELAGE LH WING ACCESSORIES.								1	1
	PT06A22-41P	CONNECTOR,FUSELAGE LH WING ACCESSORIES.								1	1
	AN960-2616L	WASHER,CONNECTOR.								1	1
- 9	MS3100K32-15S	CONNECTOR,LH & RH FIREWALL GENERATOR & STARTER.								2	1
	MS3106A/B32-15P	CONNECTOR,LH & RH FIREWALL GENERATOR & STARTER.								2	1
- 10	MS27212-5-2	TERMINAL BOARD,LH WING STUB								1	1
- 11	MS27212-5-2	TERMINAL BOARD,RH WING STUB								1	1
- 12	MHB4002	STARTER,LH.								1	1
- 13	6041H189	RELAY,LH STARTER.								1	1
- 14	6041H189	RELAY,RH STARTER.								1	1
- 15	414-189412	BUS BAR,BATTERY TO STARTER RELAY.								1	1
- 16	MHB4002	STARTER,RH.								1	1
- 17	1N4005	DIODE								2	1
- 18	60-369000-67	CAPACITOR,MAGNETO NOISE FILTER.								2	1
- 19	MS25226-4-3	BUS BAR								2	1

CODES OF EFFECTIVITY

1 P-70 THRU P-182

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

80-10-03
STARTER AND IGNITION
P-183 AND AFTER

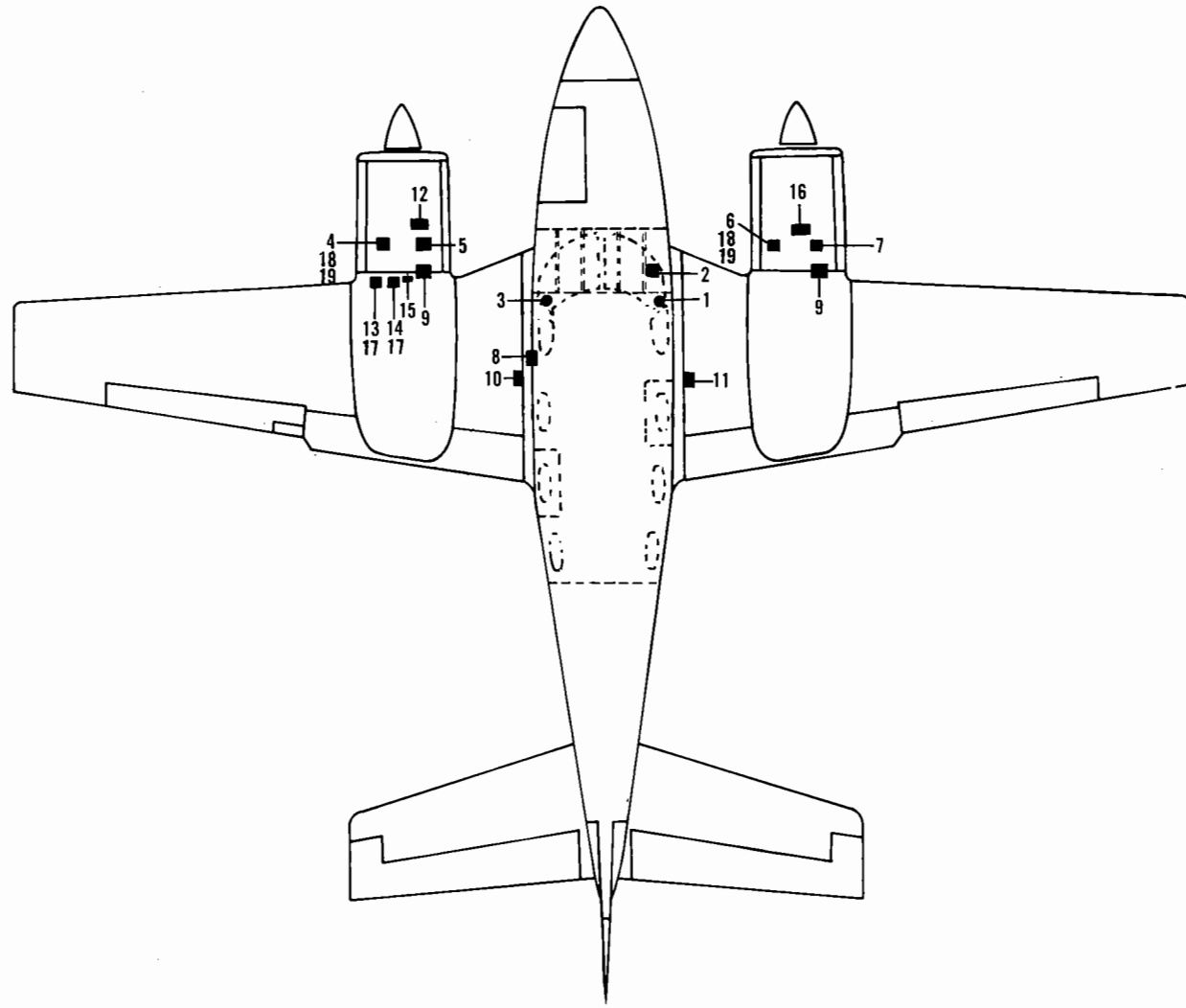
B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS PER ASSY	USABLE ON CODE
			1	2	3	4	5	6	7		
10-03 - 1	MS26574-5	CIRCUIT BREAKER,IGNITION.								1	1
- 2	10-176487-242	VIBRATOR,STARTING								1	1
- 3	10-357250-1	SWITCH,ENGINE IGNITION /SUPERSEDES 10-126660-1/								2	1
- 4	S6LN1208	MAGNETO,LH /10-349290-2/.								1	1
- 5	S6RN1209	MAGNETO,RH /10-349290-4/.								1	1
- 6	S6LN1208	MAGNETO,LH /10-349290-2/.								1	1
- 7	S6RN1209	MAGNETO,RH /10-349290-4/.								1	1
- 8	PT07E22-41S	CONNECTOR,FUSELAGE LH WING ACCESSORIES.								1	1
	PT06A22-41P	CONNECTOR,FUSELAGE LH WING ACCESSORIES.								1	1
	AN960-2616L	WASHER,CONNECTOR.								1	1
- 9	MS3100K32-15S	CONNECTOR,LH & RH FIREWALL GENERATOR & STARTER.								2	1
	MS3106A/B32-15P	CONNECTOR,LH & RH FIREWALL GENERATOR & STARTER.								2	1
- 10	MS27212-5-2	TERMINAL BOARD,LH WING STUB								1	1
- 11	MS27212-5-2	TERMINAL BOARD,RH WING STUB								1	1
- 12	MHB4002	STARTER,LH.								1	1
- 13	6041H189	RELAY,LH STARTER.								1	1
- 14	6041H189	RELAY,RH STARTER.								1	1
- 15	414-189412	BUS BAR,BATTERY TO STARTER RELAY.								1	1
- 16	MHB4002	STARTER,RH.								1	1
- 17	1N4005	DIODE								2	1
- 18	60-369000-67	CAPACITOR,MAGNETO NOISE FILTER.								2	1
- 19	MS25226-4-3	BUS BAR								2	1

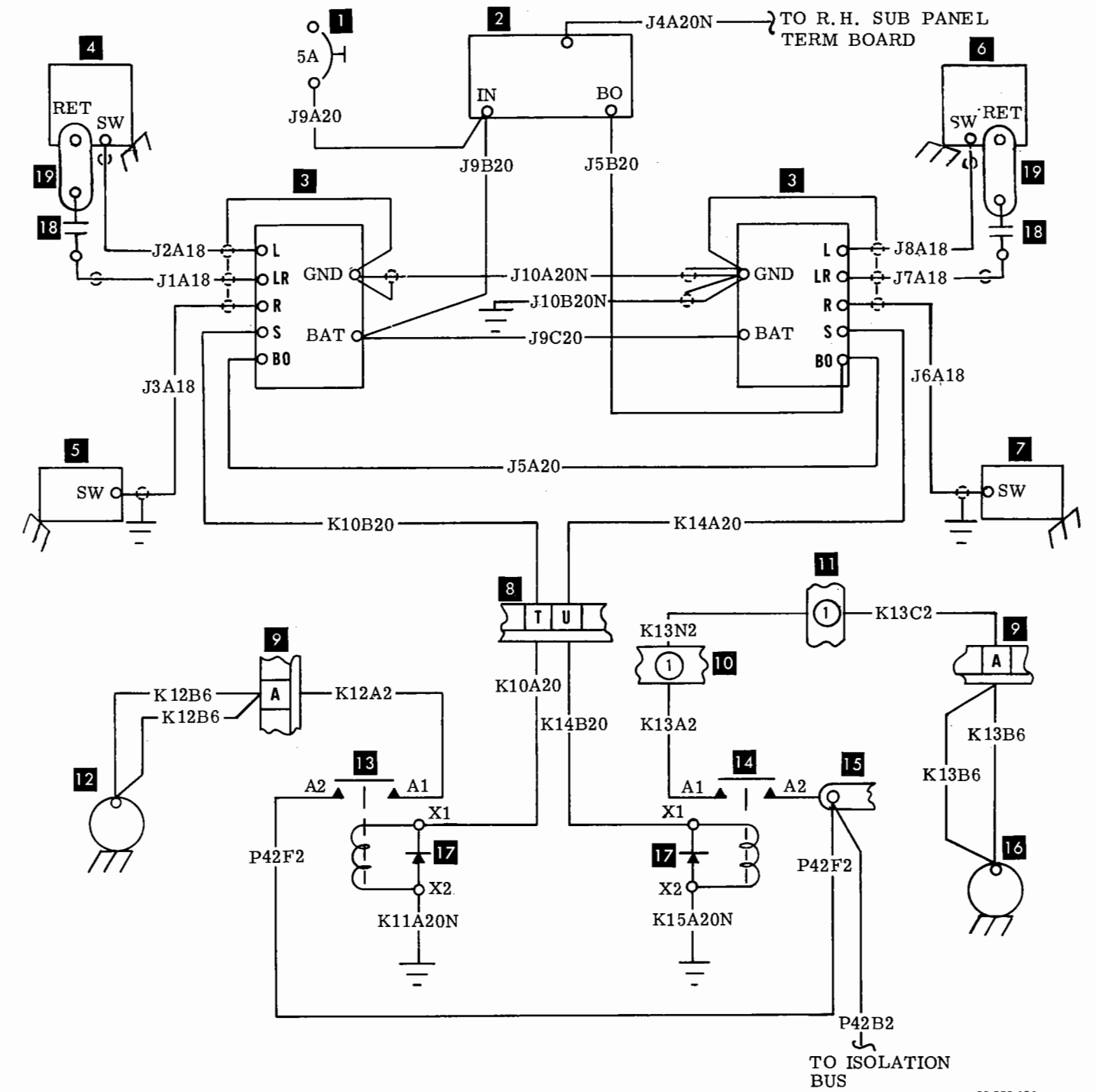
CODES OF EFFECTIVITY

1 P-183 AND AFTER

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL



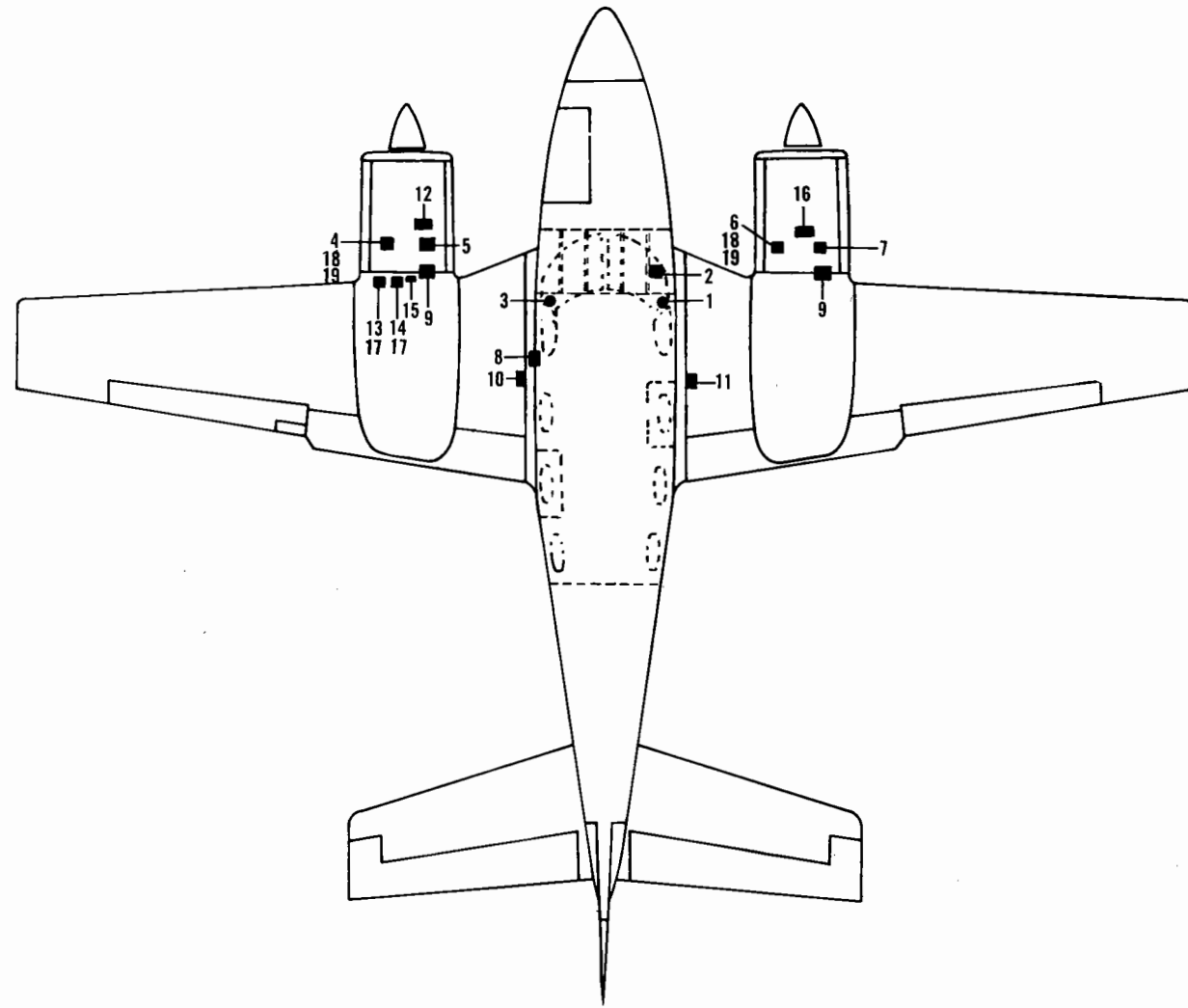
- | | |
|---|-----------------------------------|
| 1. Circuit Breaker | 11. R.H. Wing Stub Terminal Board |
| 2. Starting Vibrator | 12. L.H. Starter |
| 3. Engine Ignition Switch | 13. L.H. Starter Relay |
| 4. L.H. Magneto | 14. R.H. Starter Relay |
| 5. R.H. Magneto | 15. Battery Bus |
| 6. L.H. Magneto | 16. R.H. Starter |
| 7. R.H. Magneto | 17. Diode |
| 8. L.H. Fuselage Wing Accessories Connector | 18. Capacitor |
| 9. Generator Firewall Connector | 19. Bus Bar |
| 10. L.H. Wing Stub Terminal Board | |



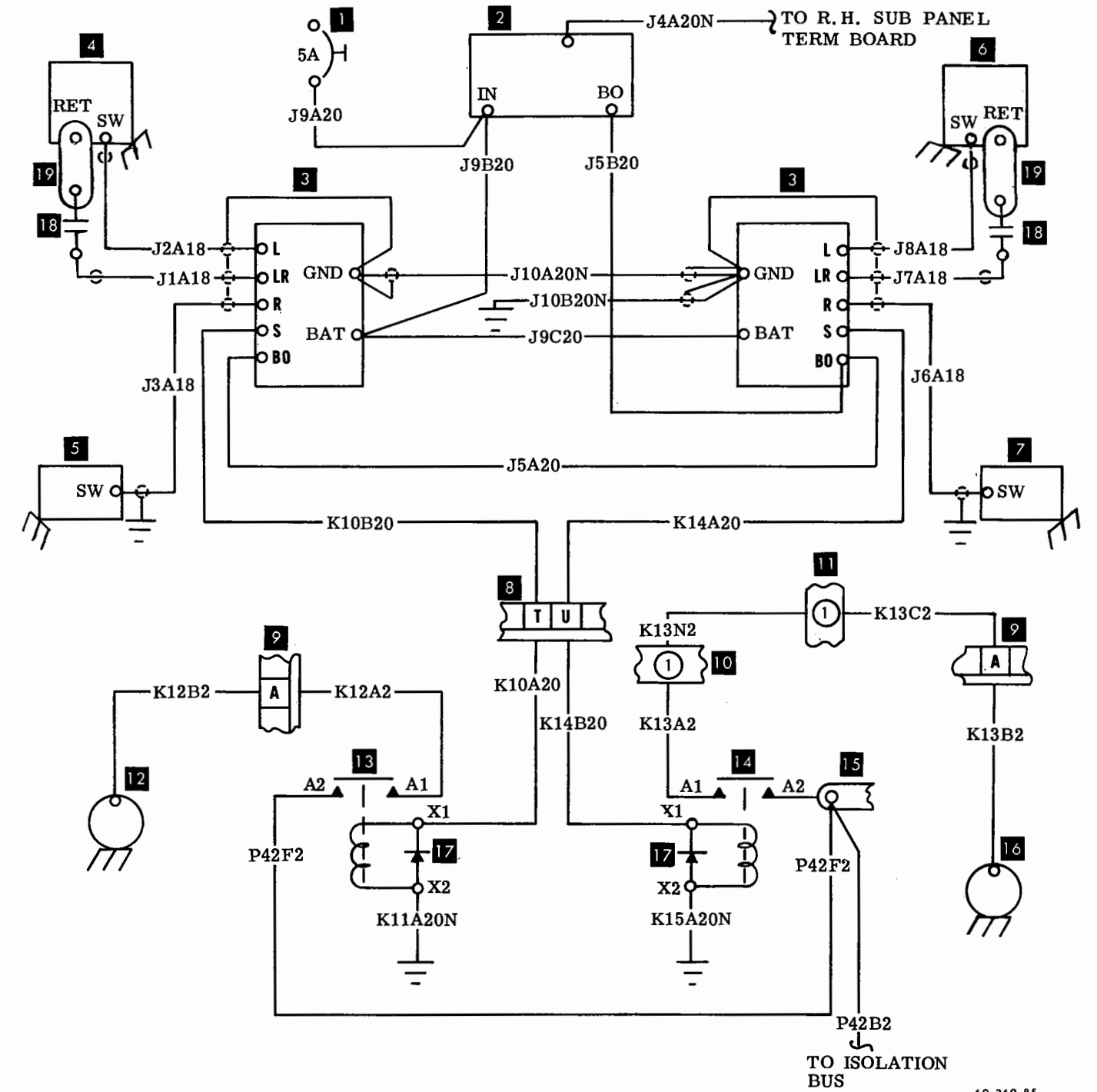
60-369-134

60-369-73

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

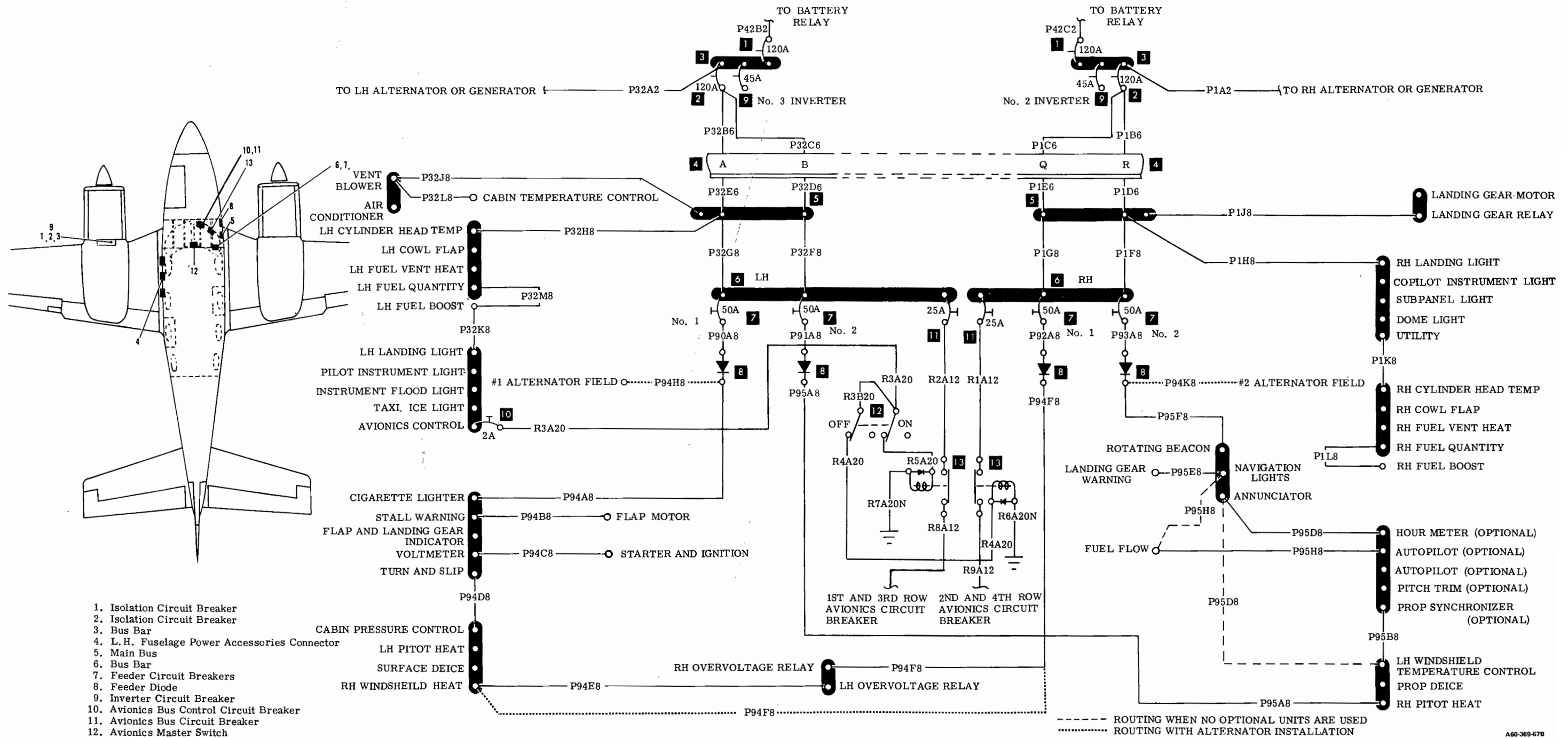


- | | |
|---|-----------------------------------|
| 1. Circuit Breaker | 11. R.H. Wing Stub Terminal Board |
| 2. Starting Vibrator | 12. L.H. Starter |
| 3. Engine Ignition Switch | 13. L.H. Starter Relay |
| 4. L.H. Magneto | 14. R.H. Starter Relay |
| 5. R.H. Magneto | 15. Battery Bus |
| 6. L.H. Magneto | 16. R.H. Starter |
| 7. R.H. Magneto | 17. Diode |
| 8. L.H. Fuselage Wing Accessories Connector | 18. Capacitor |
| 9. Generator Firewall Connector | 19. Bus Bar |
| 10. L.H. Wing Stub Terminal Board | |



60-369-73

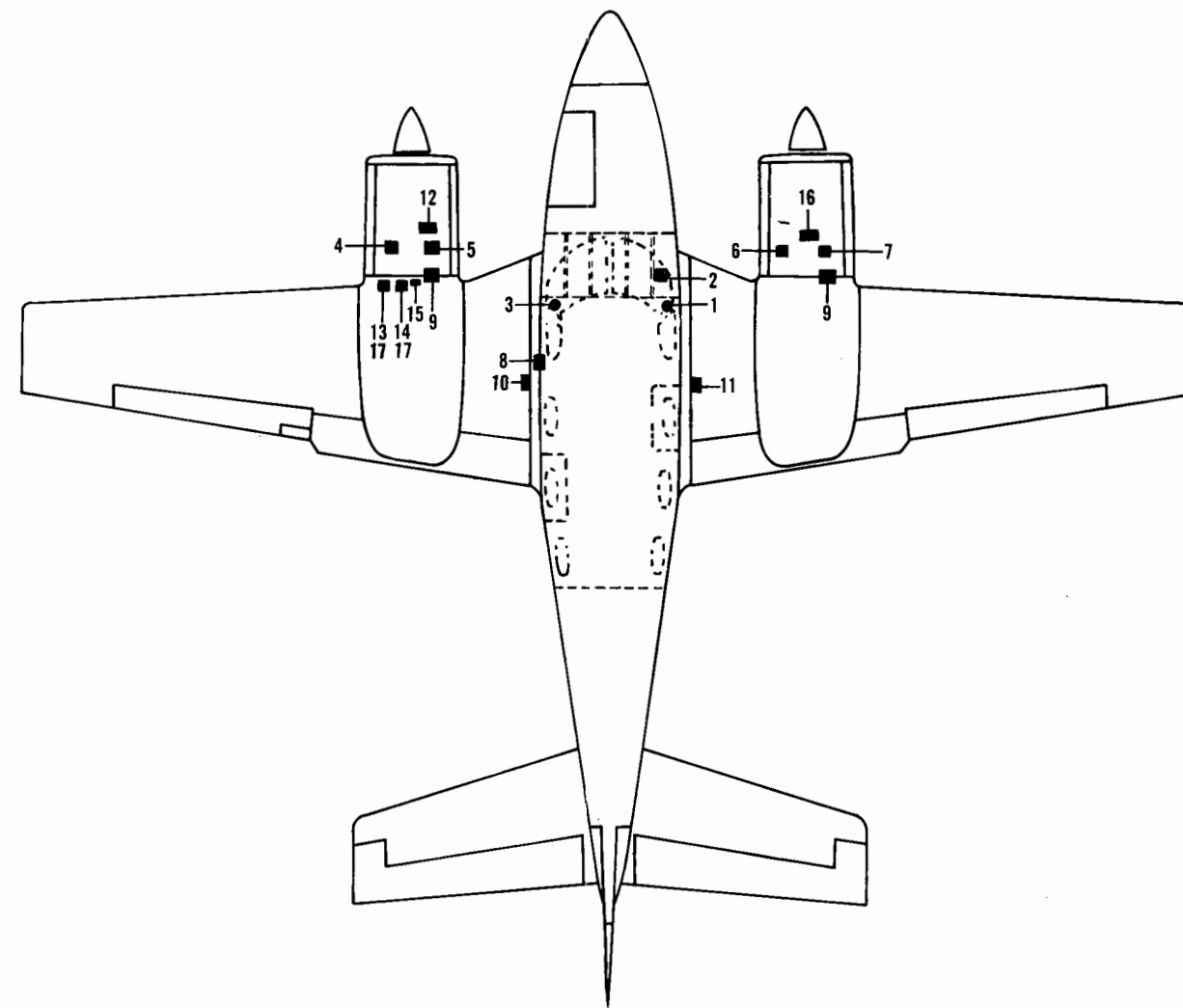
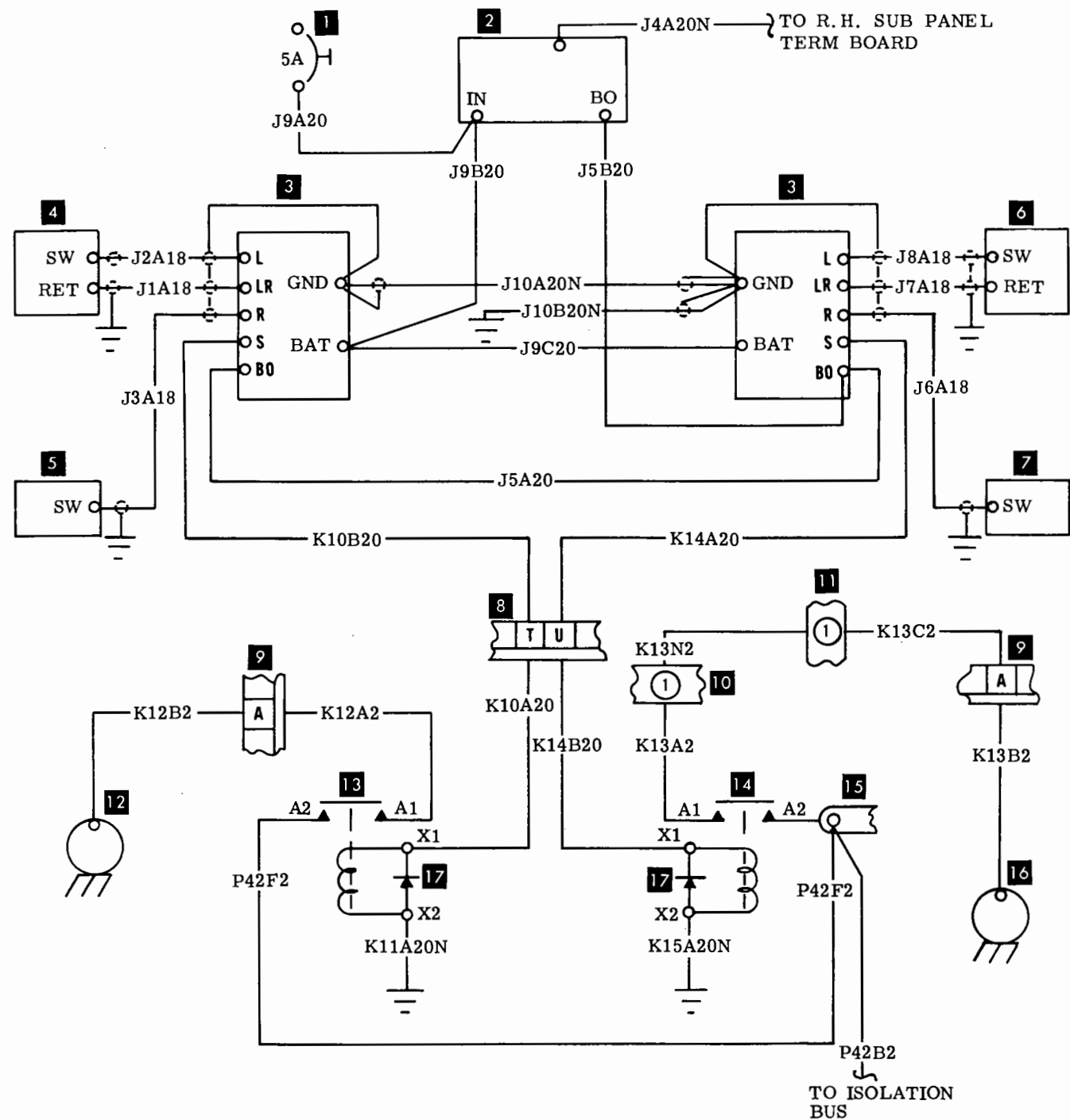
**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



- 1. Isolation Circuit Breaker
- 2. Isolation Circuit Breaker
- 3. Bus Bar
- 4. L. H. Fuselage Power Accessories Connector
- 5. Main Bus
- 6. Bus Bar
- 7. Feeder Circuit Breakers
- 8. Feeder Diode
- 9. Inverter Circuit Breaker
- 10. Avionics Bus Control Circuit Breaker
- 11. Avionics Bus Circuit Breaker
- 12. Avionics Master Switch
- 13. Avionics Power Relay

Power Distribution
P-170 and after and aircraft in compliance with S.I. 0533-351 Rev. 1

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL



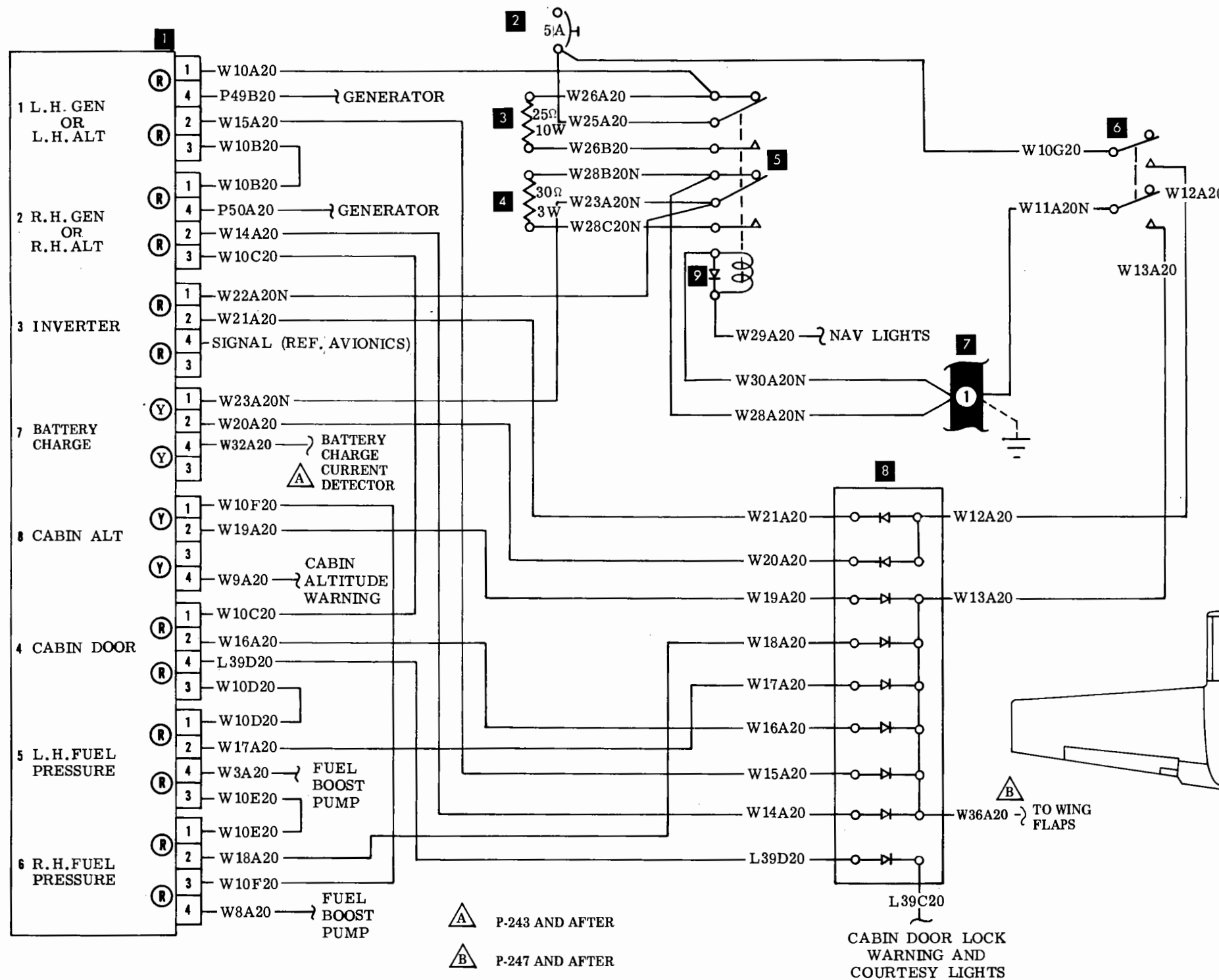
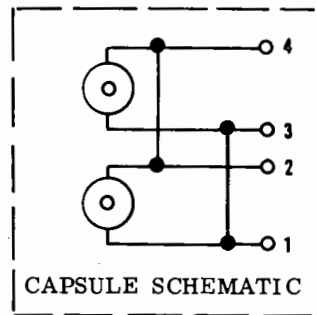
- | | |
|---|-----------------------------------|
| 1. Circuit Breaker | 9. Generator Firewall Connector |
| 2. Starting Vibrator | 10. L.H. Wing Stub Terminal Board |
| 3. Engine Ignition Switch | 11. R.H. Wing Stub Terminal Board |
| 4. L.H. Magneto | 12. L.H. Starter |
| 5. R.H. Magneto | 13. L.H. Starter Relay |
| 6. L.H. Magneto | 14. R.H. Starter Relay |
| 7. R.H. Magneto | 15. Battery Bus |
| 8. L.H. Fuselage Wing Accessories Connector | 16. R.H. Starter |
| | 17. Diode |

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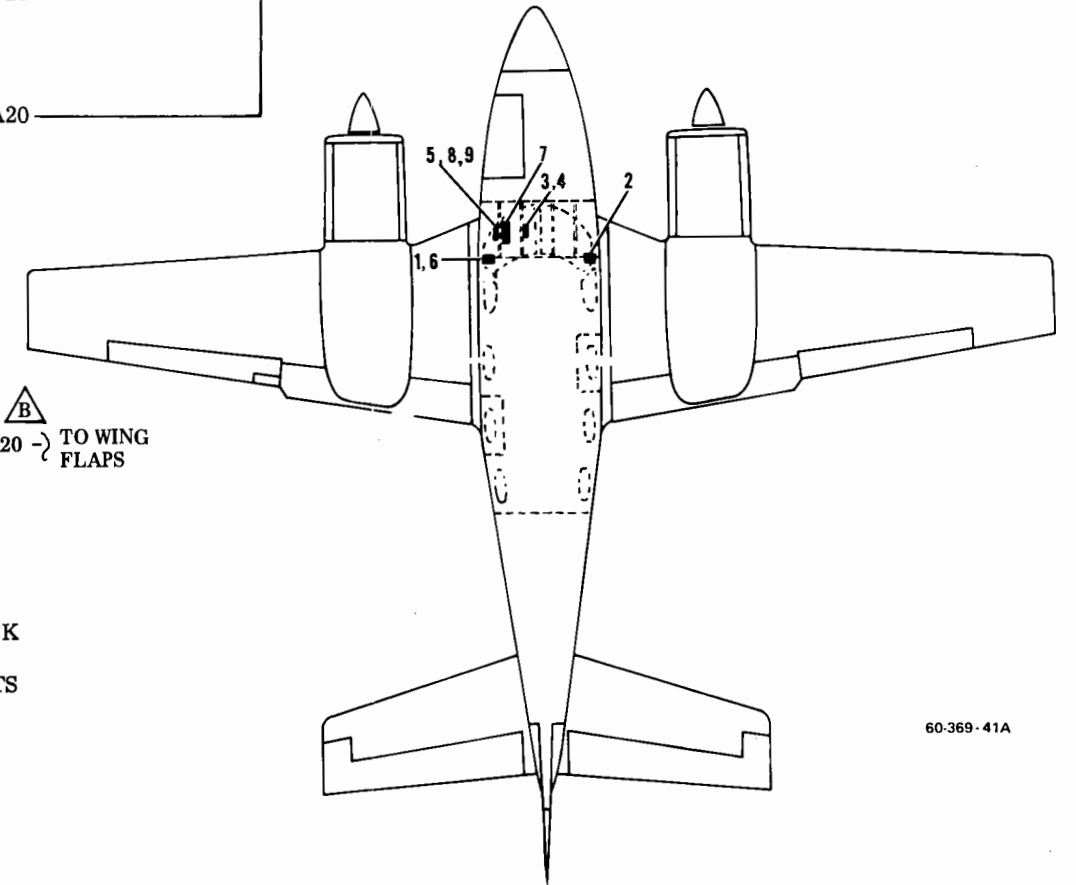
60-369-5

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

- LEGEND**
- 1 L.H. ALT
 - 2 R.H. ALT
 - 3 INVERTER
 - 4 CABIN DOOR
 - 5 L.H.FUEL PRESS
 - 6 R.H.FUEL PRESS
 - 7 BATTERY CHARGE
 - 8 CABIN ALT

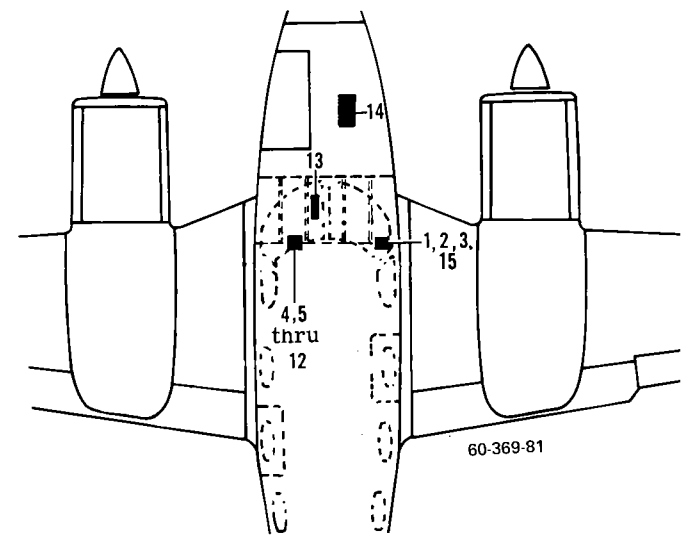
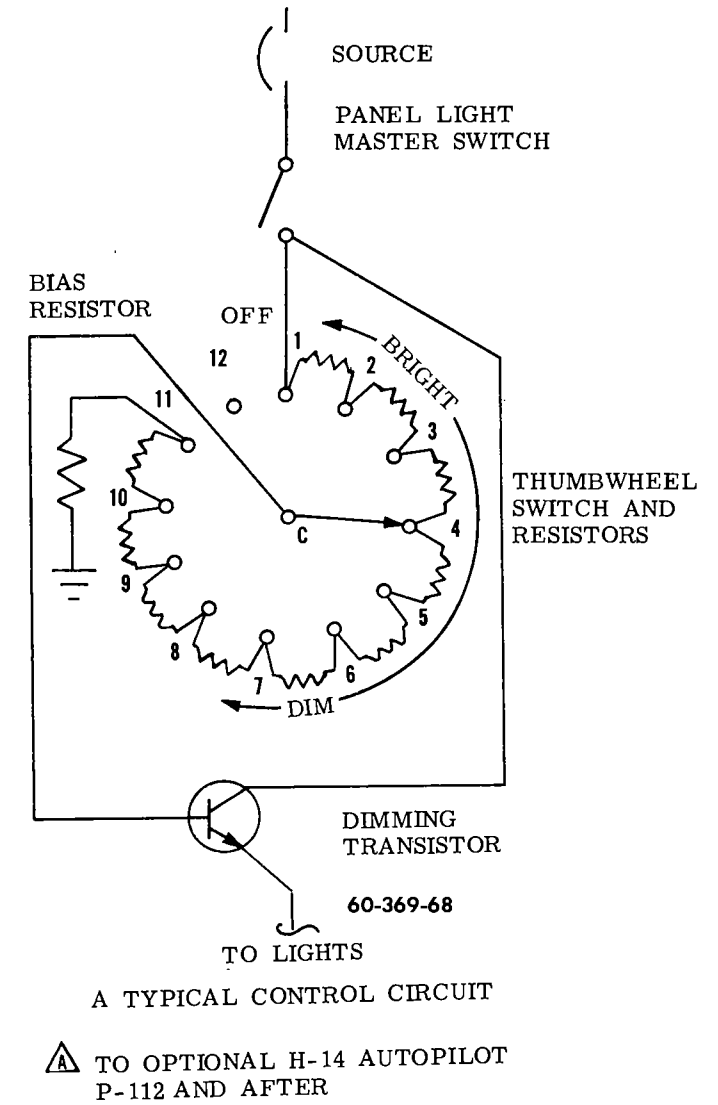
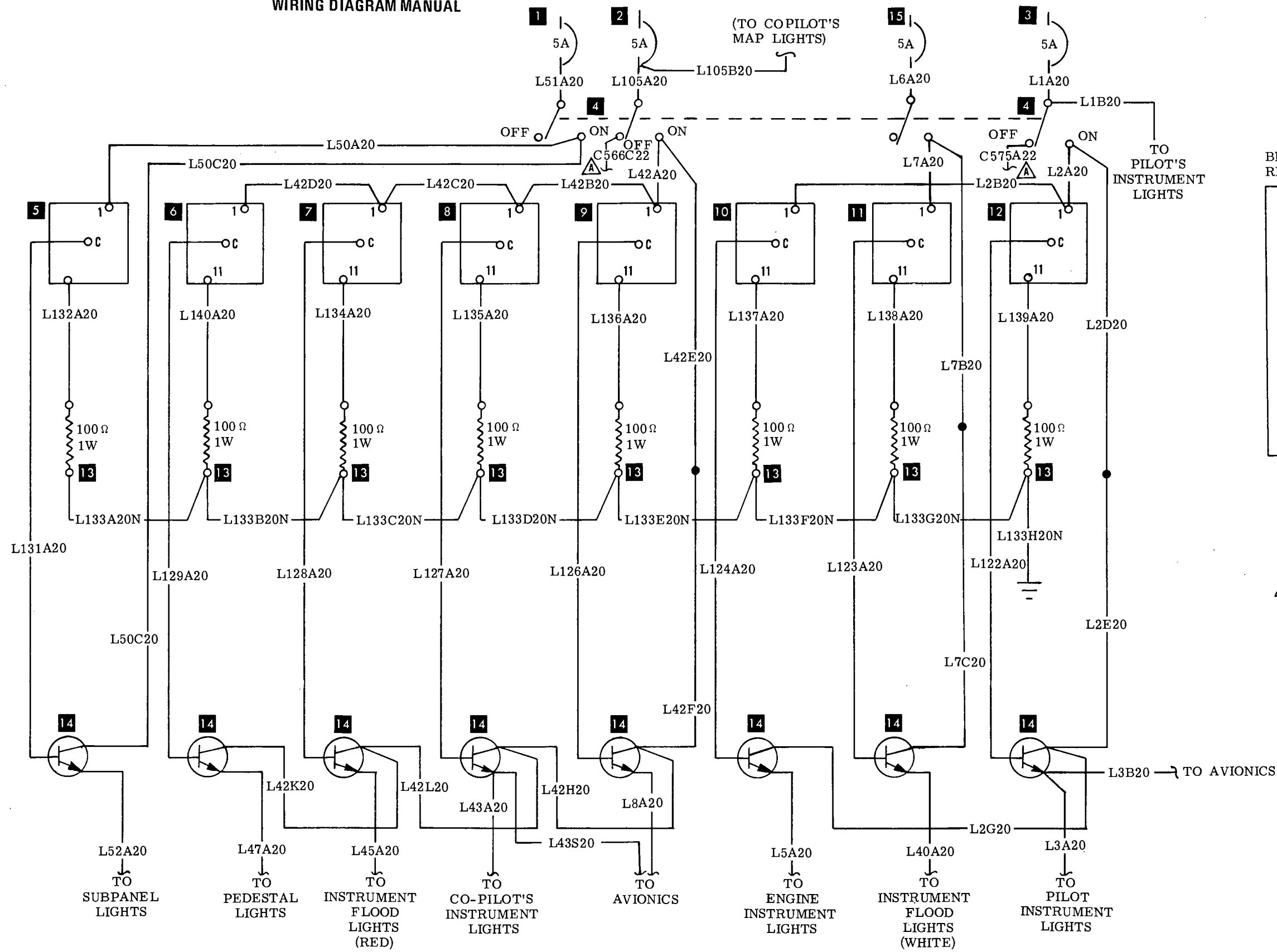


- 1. Annunciator Panel
- 2. Circuit Breaker
- 3. Resistor
- 4. Resistor
- 5. Dimming Relay
- 6. Test Switch
- 7. L.H. Subpanel Terminal
- 8. Diode Assembly
- 9. Diode

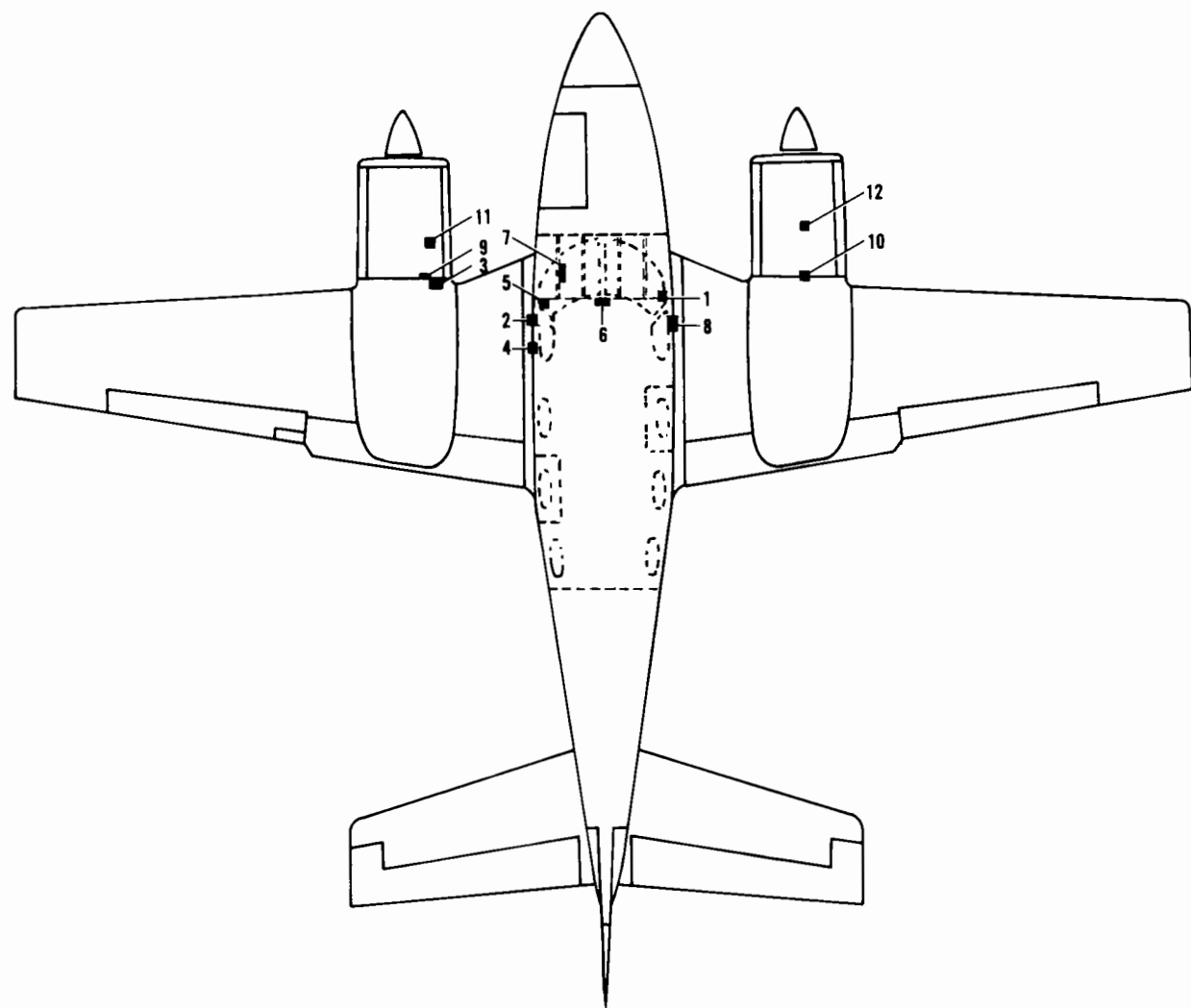


60-369-41A

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

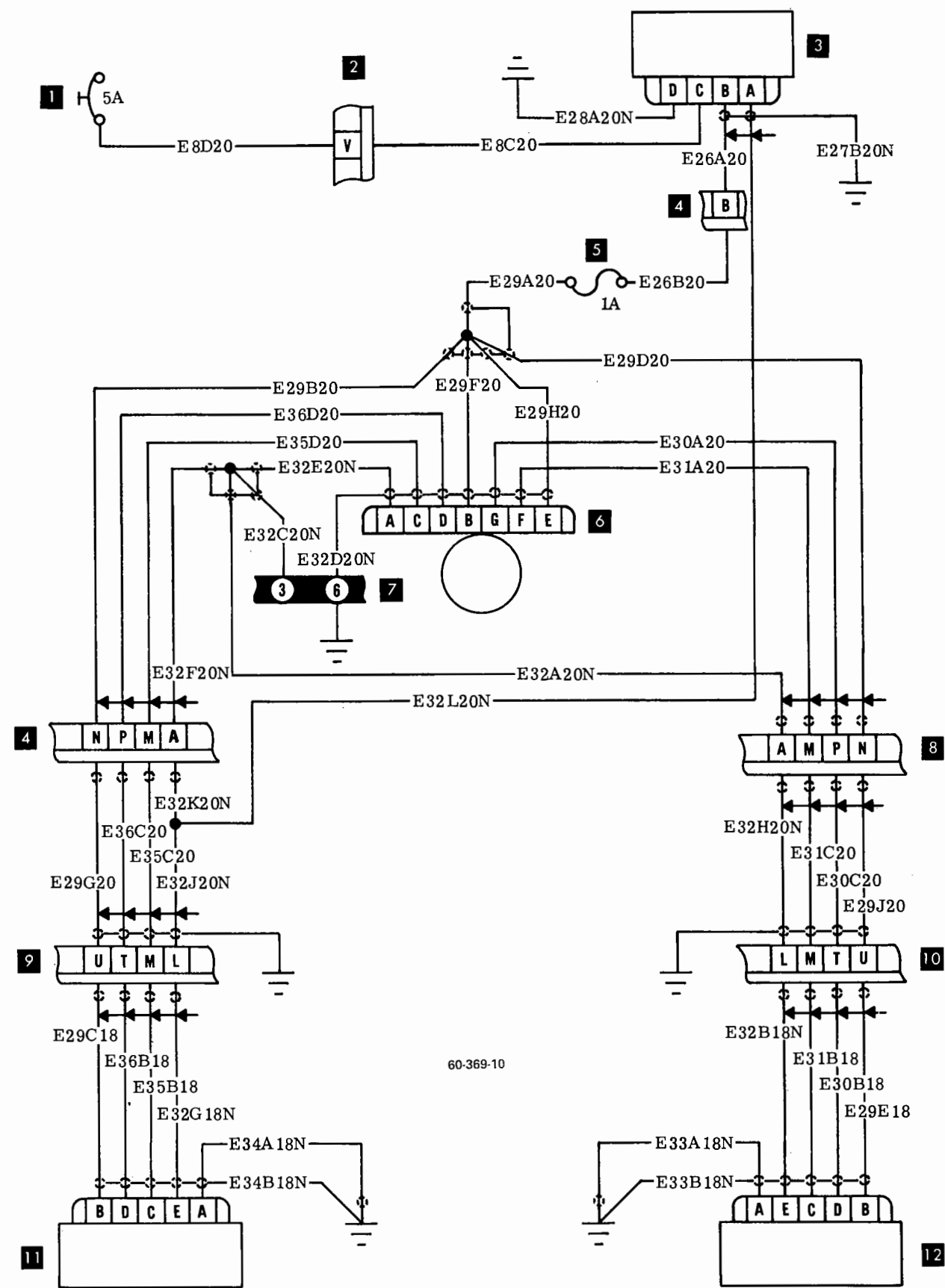


BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL



1. Circuit Breaker
2. L. H. Fuselage Wing Accessories Connector
3. Inverter
4. L. H. Fuselage Engine Accessories Connector
5. Fuse
6. Fuel Flow Indicator
7. L. H. Sub Panel Terminal Board
8. R. H. Fuselage Engine Accessories Connector
9. L. H. Firewall Engine Accessories Connector
10. R. H. Firewall Engine Accessories Connector
11. L. H. Fuel Flow Transmitter
12. R. H. Fuel Flow Transmitter

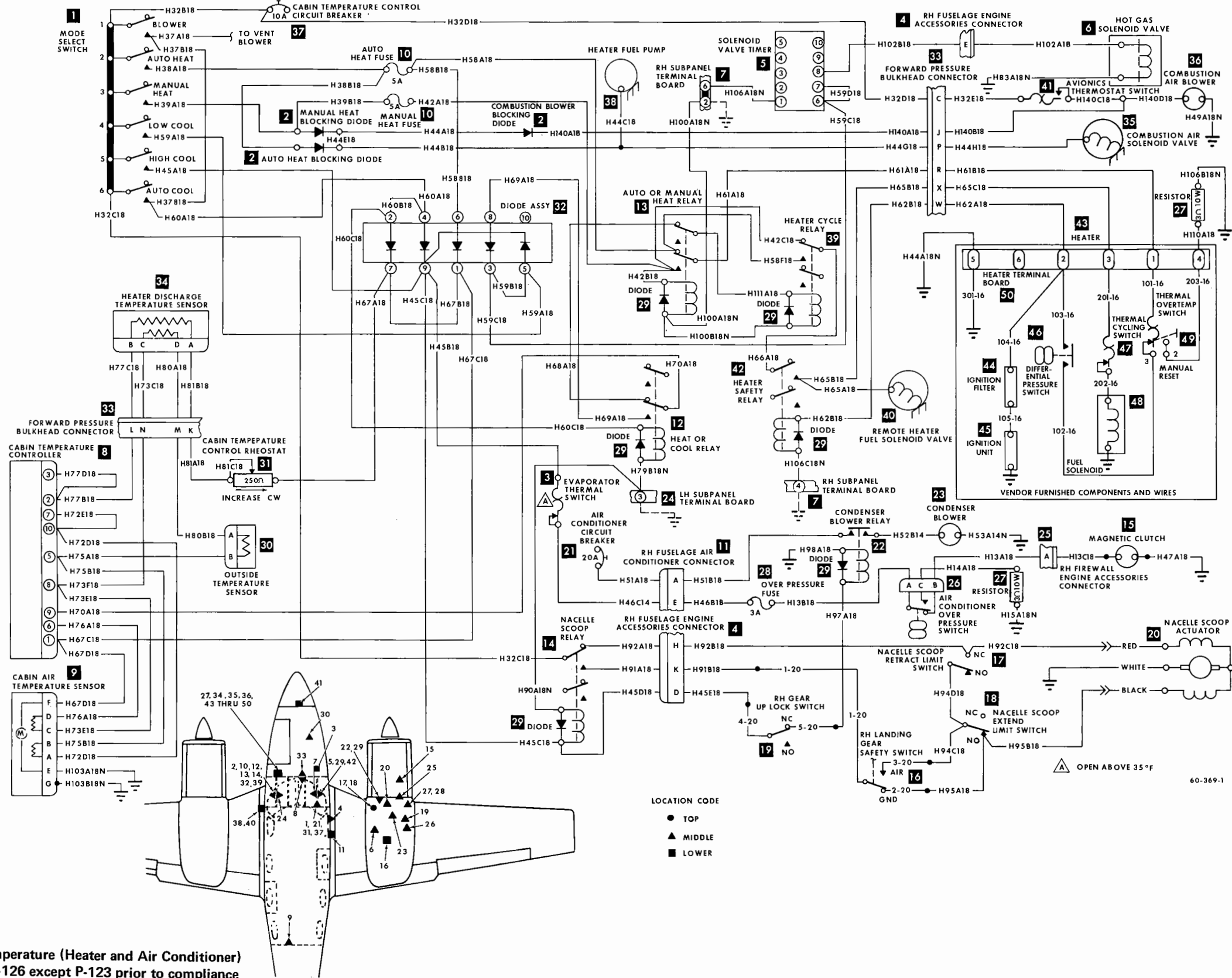
60-369-76



60-369-10

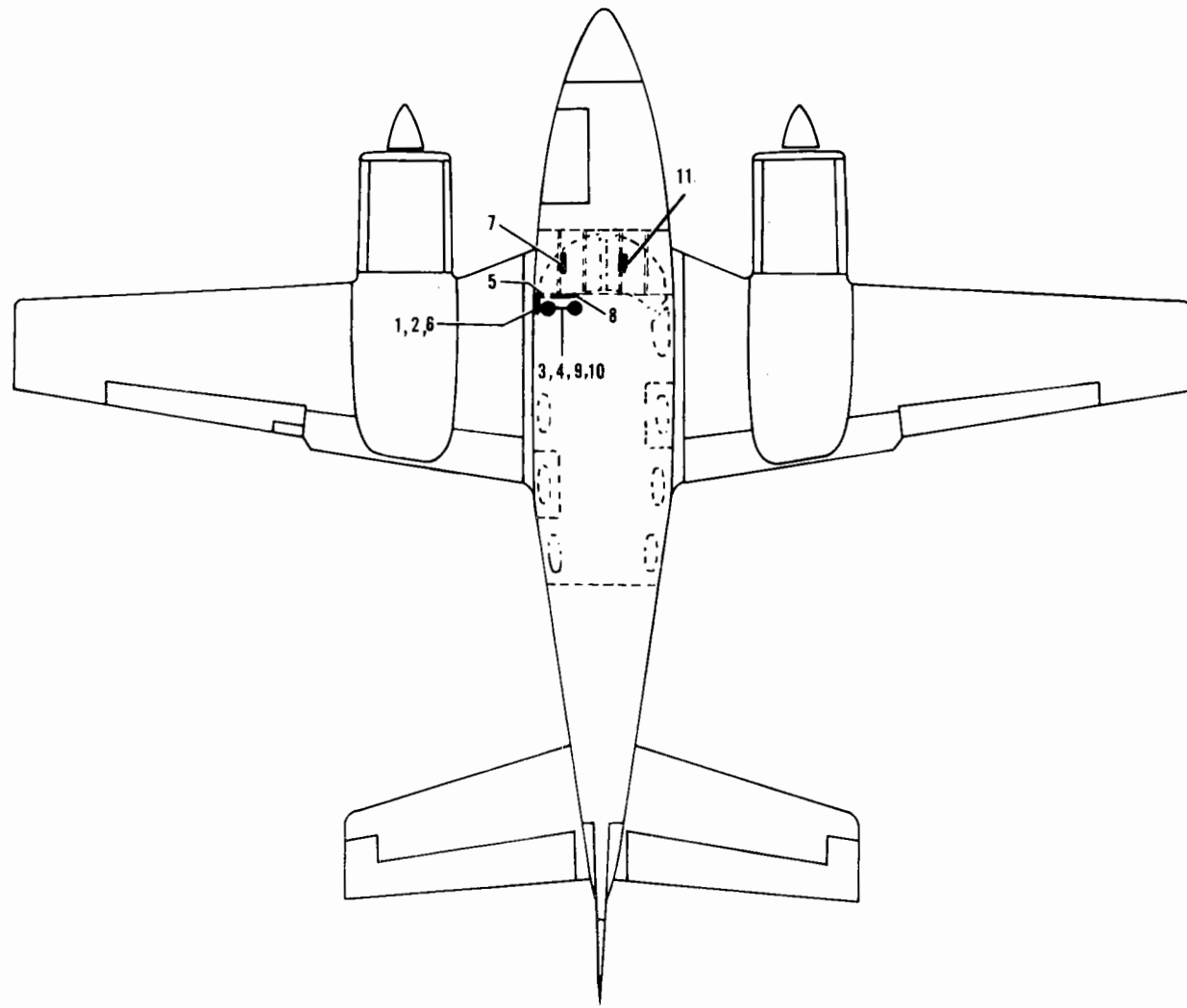
Fuel Flow Indicator

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

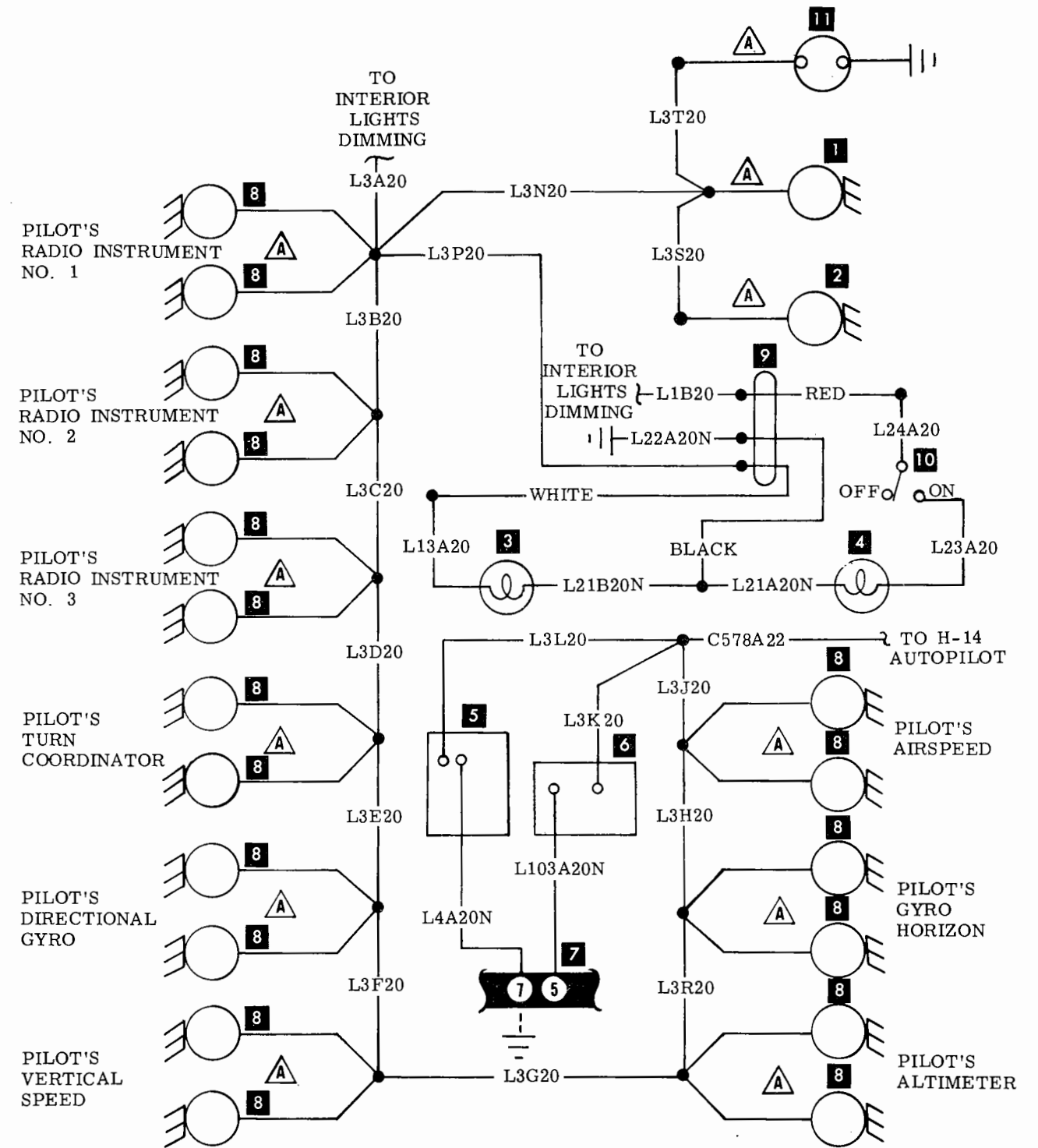


Cabin Temperature (Heater and Air Conditioner)
P-4 thru P-126 except P-123 prior to compliance
with S. I. 032-426 incorporating Kit 60-5006

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

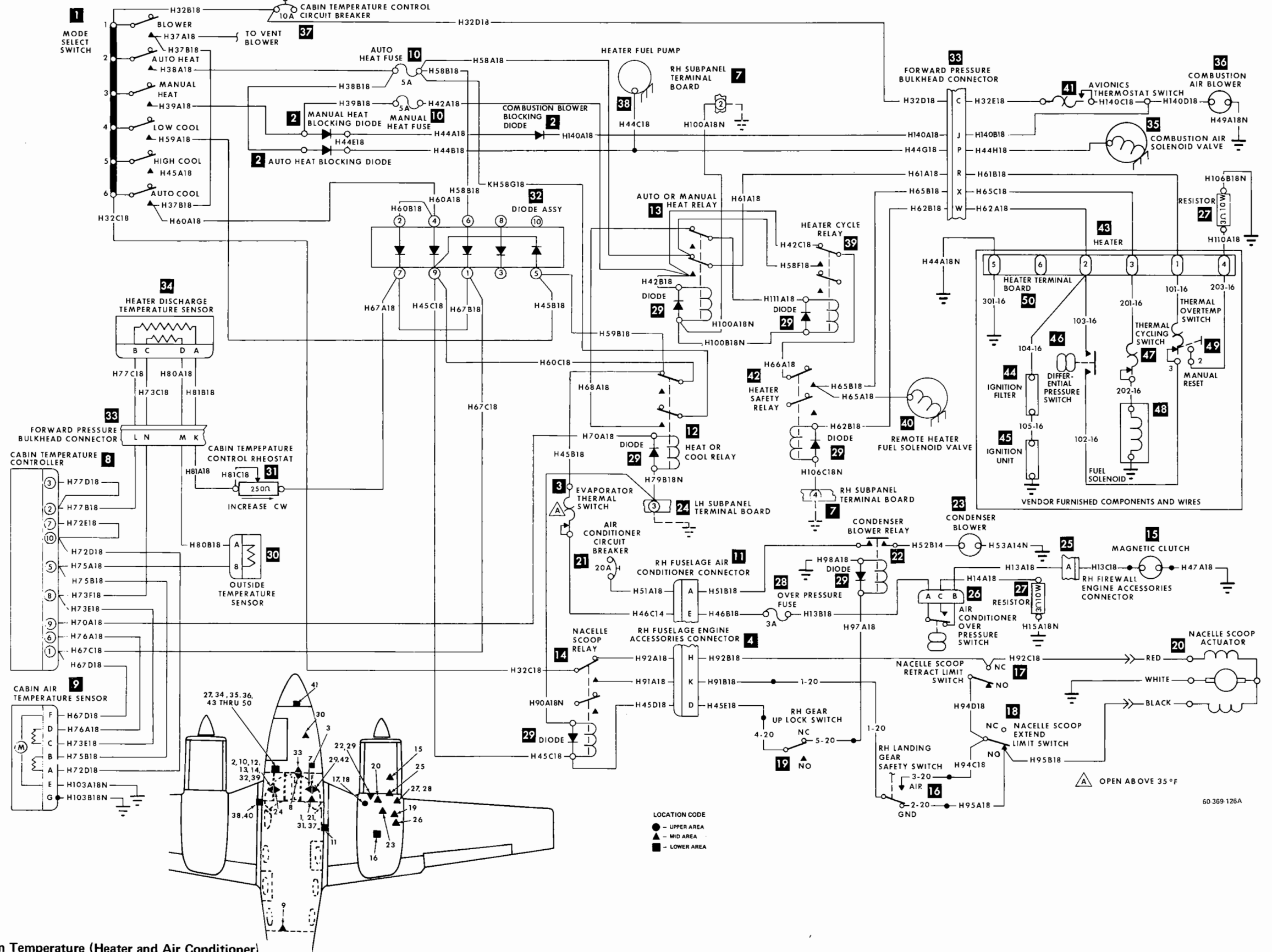


1. Oxygen Panel Post Light (Optional)
2. O. A. T. Post Light
3. Pilot's Clock Light
4. Map Light
5. Upper Left Console Light Printed Circuit Board
6. Lower Left Console Light Printed Circuit Board
7. L. H. Subpanel Terminal Board
8. Instrument Post Lights
9. Coiled Cord
10. Pilot's Map Light Switch
11. Compass Light



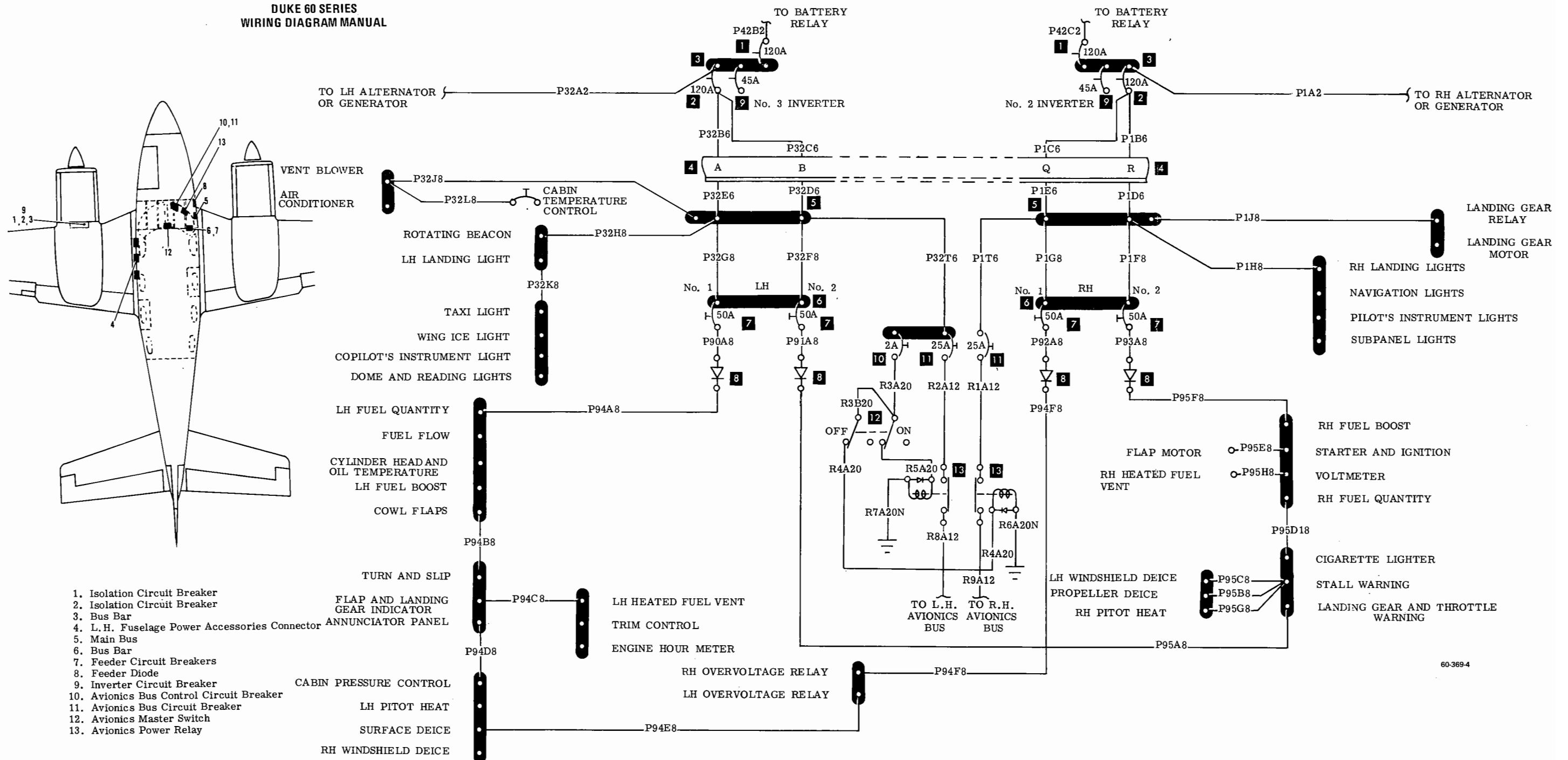
A WIRE FURNISHED BY VENDOR ARE NOT CODED

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



Cabin Temperature (Heater and Air Conditioner)
P-4 thru P-126 except P-123 after complying to
S. I. 032-426 incorporating Kit 60-5006

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

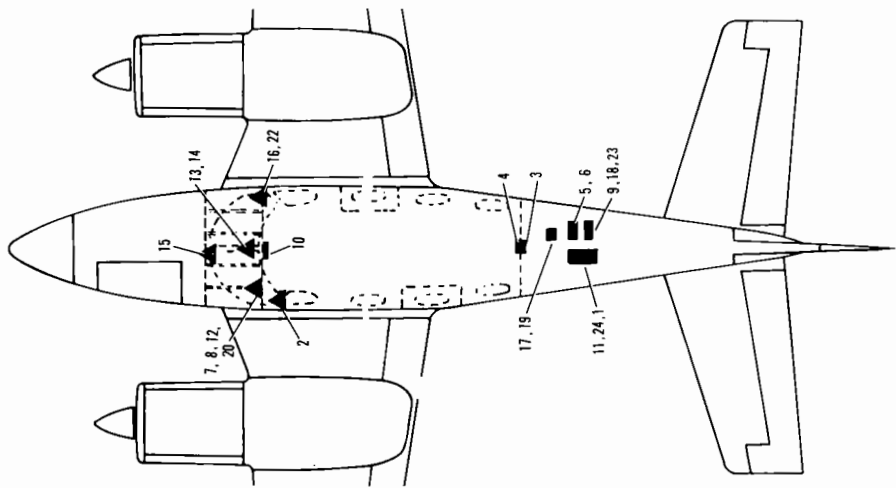


1. Isolation Circuit Breaker
2. Isolation Circuit Breaker
3. Bus Bar
4. L. H. Fuselage Power Accessories Connector
5. Main Bus
6. Bus Bar
7. Feeder Circuit Breakers
8. Feeder Diode
9. Inverter Circuit Breaker
10. Avionics Bus Control Circuit Breaker
11. Avionics Bus Circuit Breaker
12. Avionics Master Switch
13. Avionics Power Relay

Power Distribution
P-4 thru P-61

60-369-4

BEECHCRAFT DUKE 60 SERIES WIRING DIAGRAM MANUAL

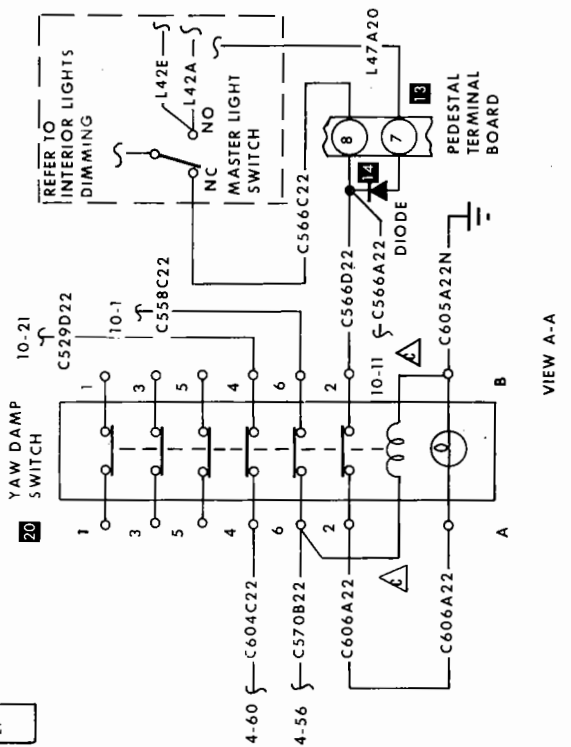
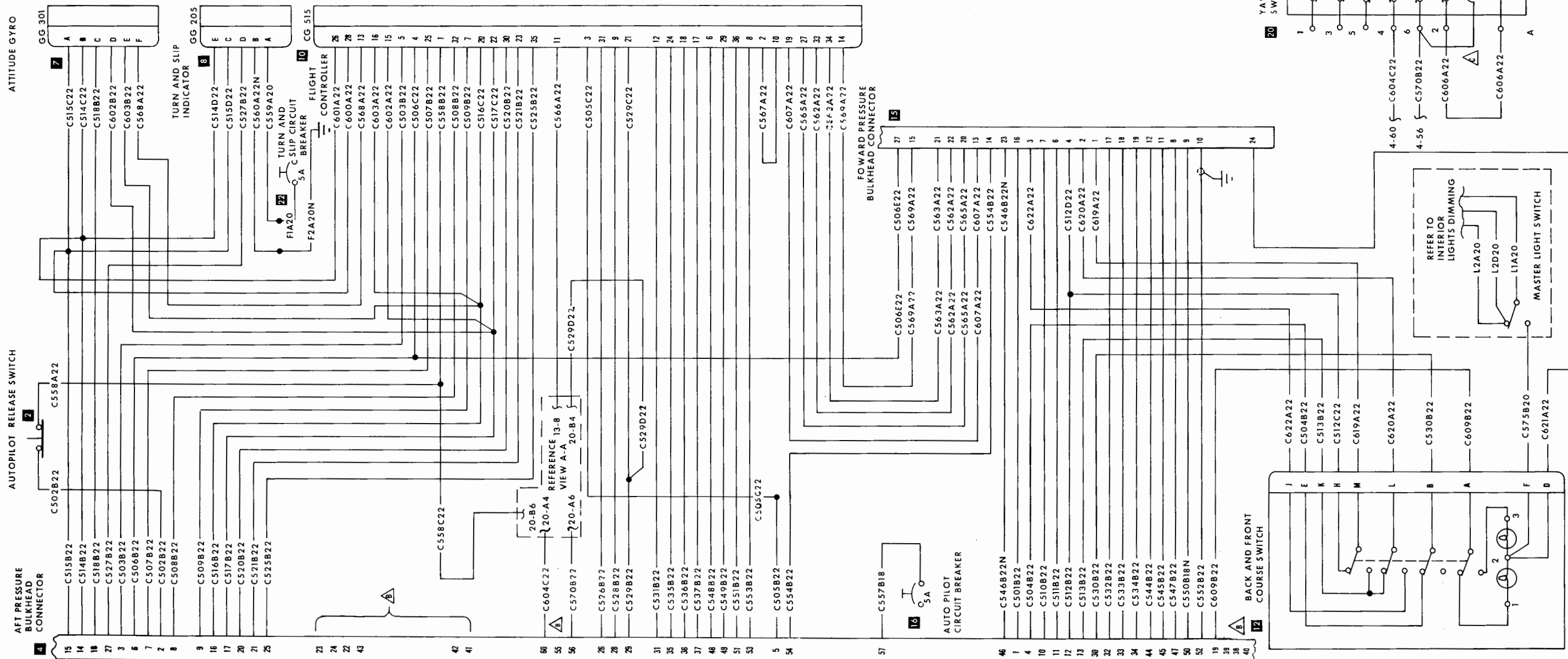


LOCATION CODE
 ● = UPPER AREAS
 ▲ = MID AREAS
 ■ = LOWER AREAS

▲ REVERSE CONNECTION OF PIN A AND C IF REVERSE ROTATION OF SERVO DRUM IS REQUIRED.

▲ THESE CONNECTIONS ARE FOR TEST PURPOSES

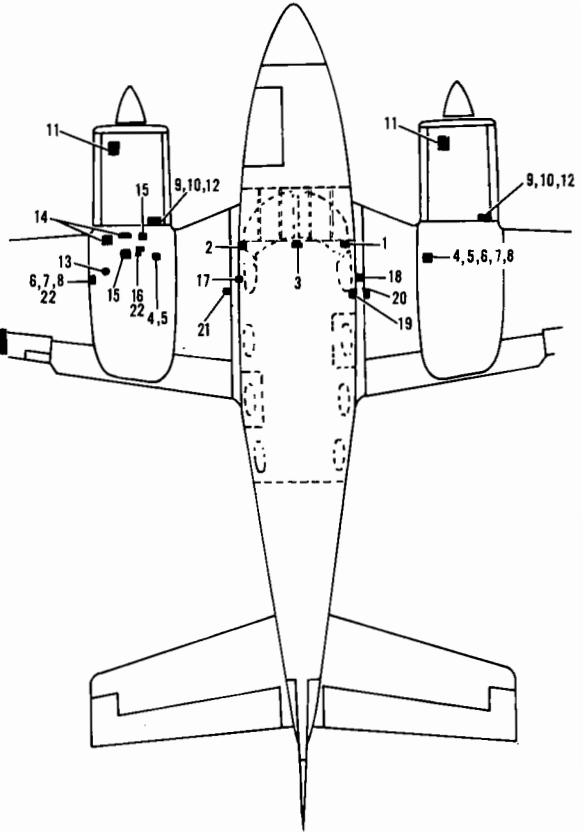
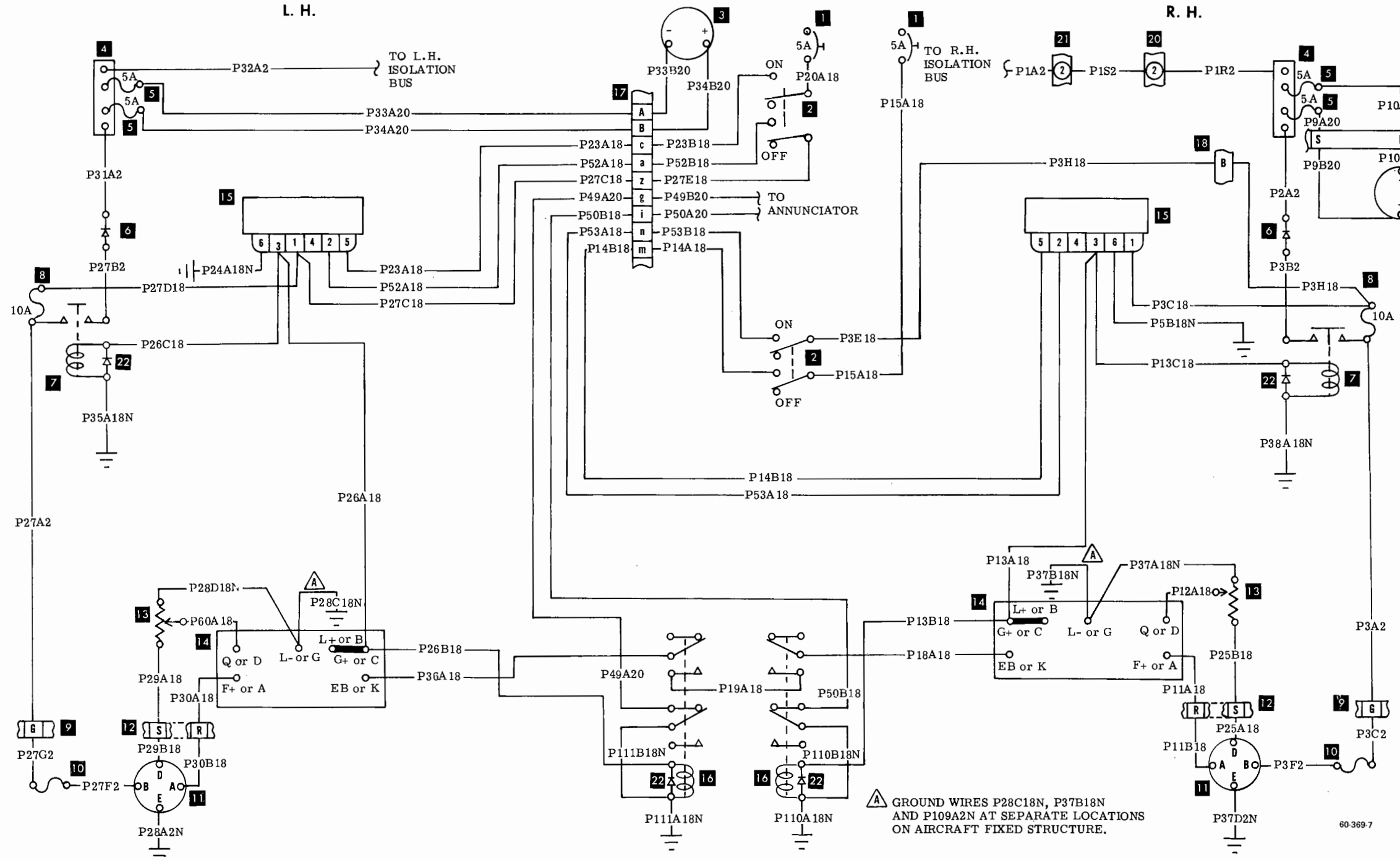
▲ WIRES FURNISHED WITH ITEM AND ARE NOT CODED.



VIEW A-A

A60-369-93A

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL



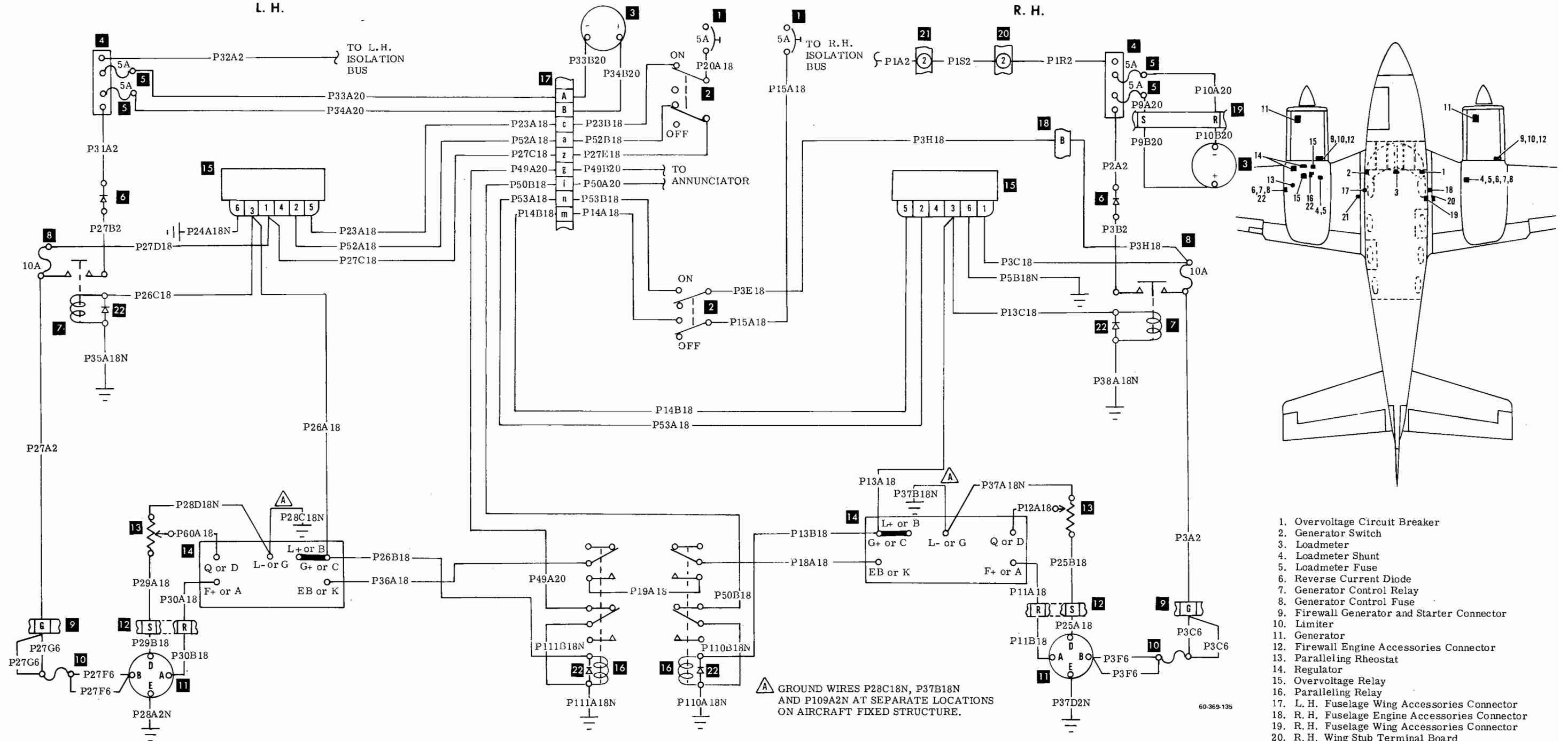
1. Overvoltage Circuit Breaker
2. Generator Switch
3. Loadmeter
4. Loadmeter Shunt
5. Loadmeter Fuse
6. Reverse Current Diode
7. Generator Control Relay
8. Generator Control Fuse
9. Firewall Generator and Starter Connector
10. Limiter
11. Generator
12. Firewall Engine Accessories Connector
13. Paralleling Rheostat
14. Regulator
15. Overvoltage Relay
16. Paralleling Relay
17. L. H. Fuselage Wing Accessories Connector
18. R. H. Fuselage Engine Accessories Connector
19. R. H. Fuselage Wing Accessories Connector
20. R. H. Wing Stub Terminal Board
21. L. H. Wing Stub Terminal Board
22. Diode

▲ GROUND WIRES P28C18N, P37B18N AND P109A2N AT SEPARATE LOCATIONS ON AIRCRAFT FIXED STRUCTURE.

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

L. H.

R. H.



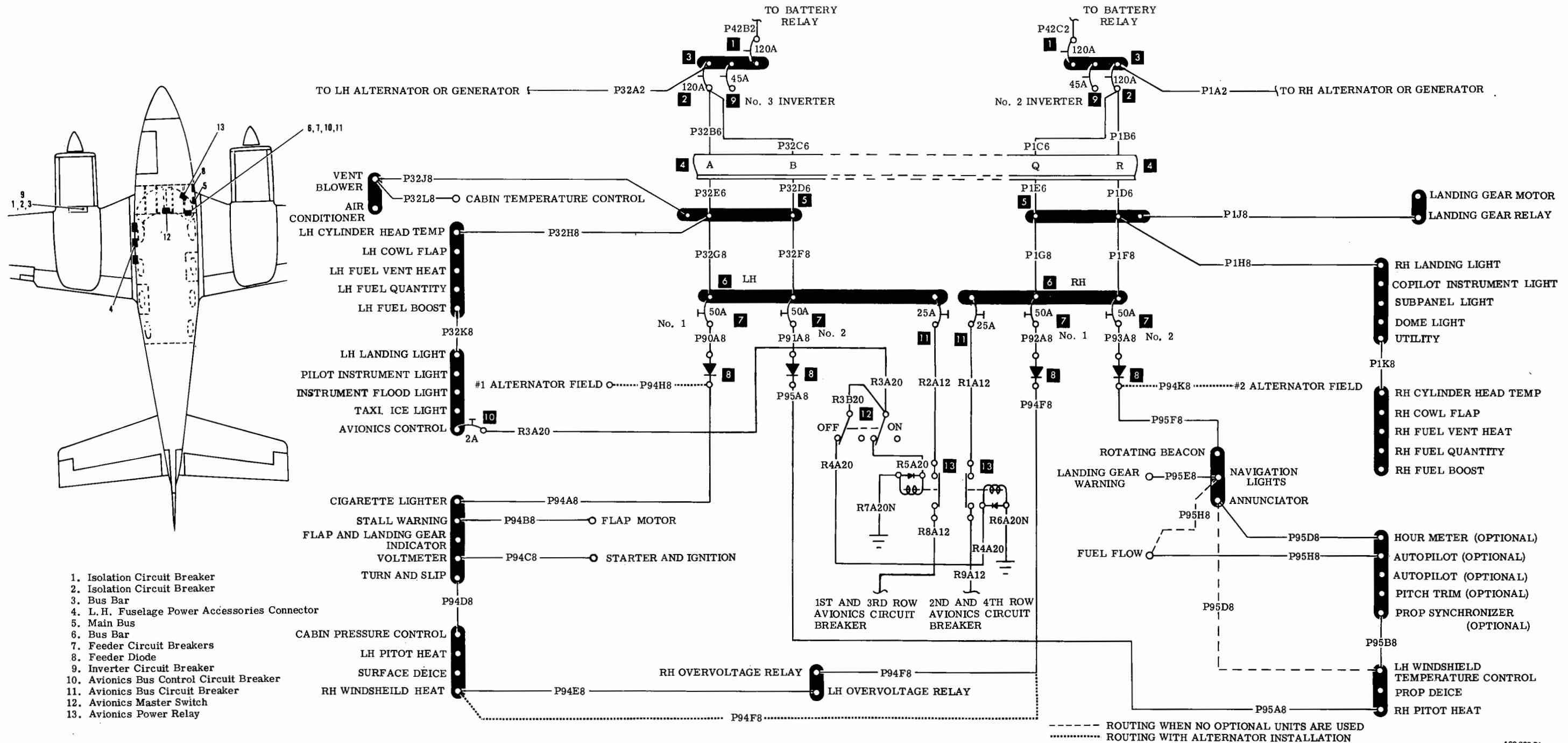
Generator
P-183 and after

1. Overvoltage Circuit Breaker
2. Generator Switch
3. Loadmeter
4. Loadmeter Shunt
5. Loadmeter Fuse
6. Reverse Current Diode
7. Generator Control Relay
8. Generator Control Fuse
9. Firewall Generator and Starter Connector
10. Limiter
11. Generator
12. Firewall Engine Accessories Connector
13. Paralleling Rheostat
14. Regulator
15. Overvoltage Relay
16. Paralleling Relay
17. L. H. Fuselage Wing Accessories Connector
18. R. H. Fuselage Engine Accessories Connector
19. R. H. Fuselage Wing Accessories Connector
20. R. H. Wing Stub Terminal Board
21. L. H. Wing Stub Terminal Board
22. Diode

▲ GROUND WIRES P28C18N, P37B18N AND P109A2N AT SEPARATE LOCATIONS ON AIRCRAFT FIXED STRUCTURE.

60-369-135

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL



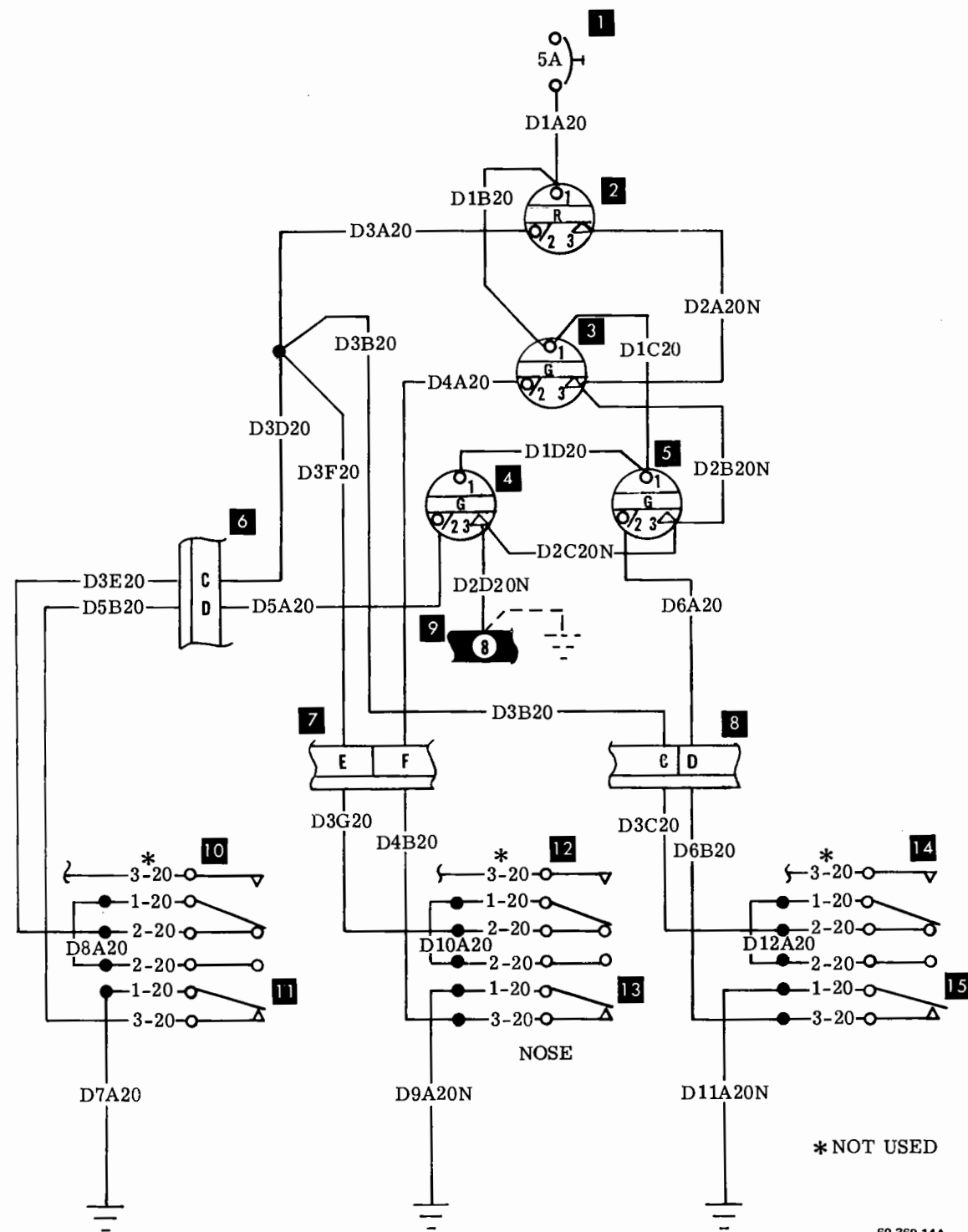
1. Isolation Circuit Breaker
2. Isolation Circuit Breaker
3. Bus Bar
4. L. H. Fuselage Power Accessories Connector
5. Main Bus
6. Bus Bar
7. Feeder Circuit Breakers
8. Feeder Diode
9. Inverter Circuit Breaker
10. Avionics Bus Control Circuit Breaker
11. Avionics Bus Circuit Breaker
12. Avionics Master Switch
13. Avionics Power Relay

Power Distribution
P-123, P-127 thru P-169

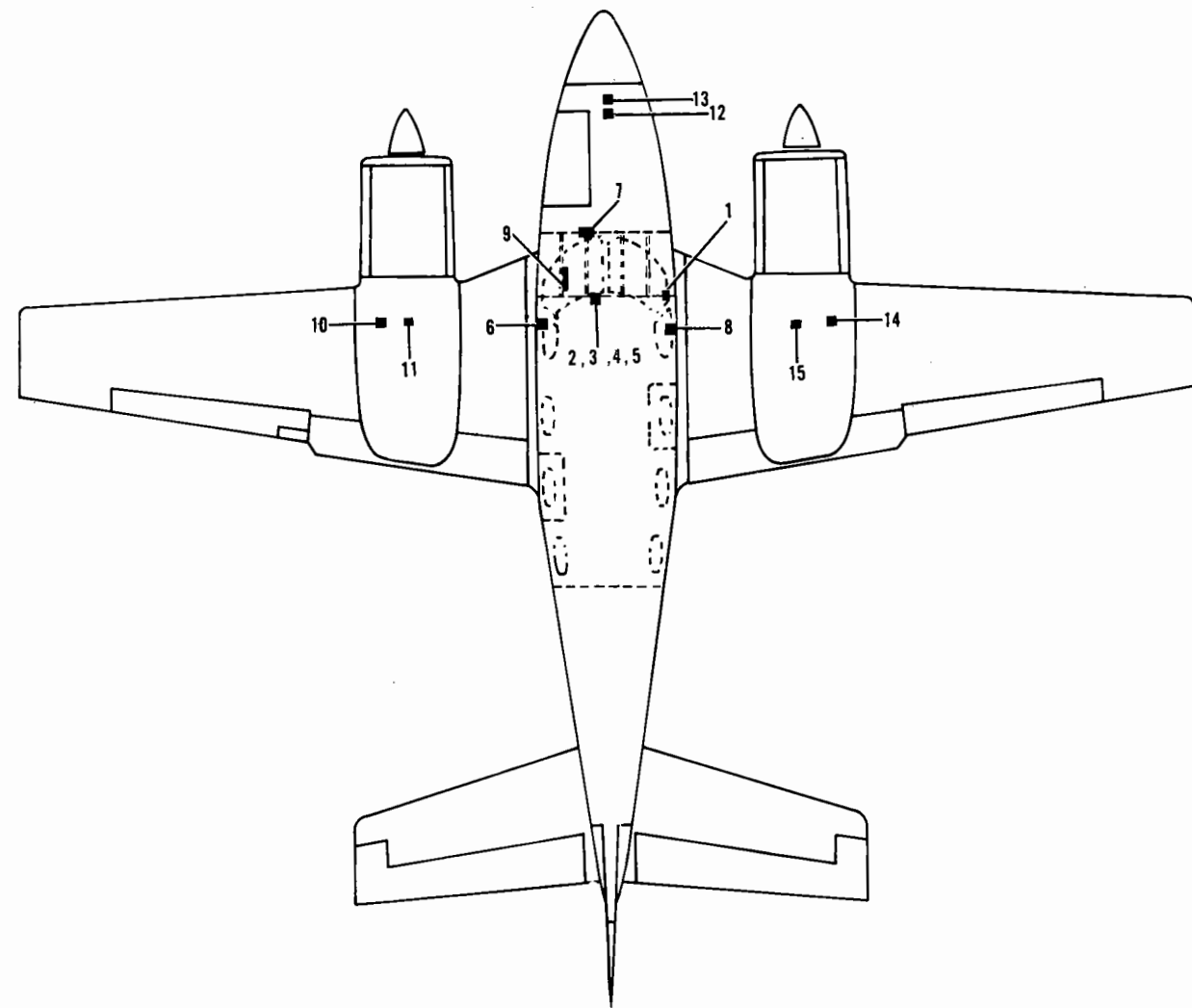
Issued: December, 1972

AFN-769.71

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



60-369-14A



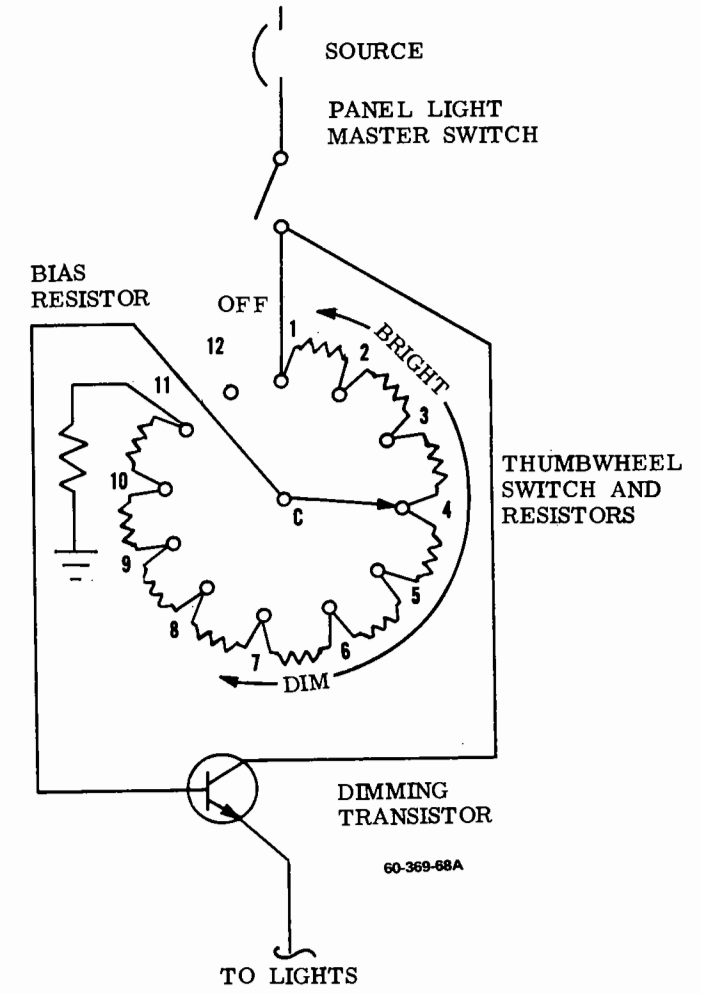
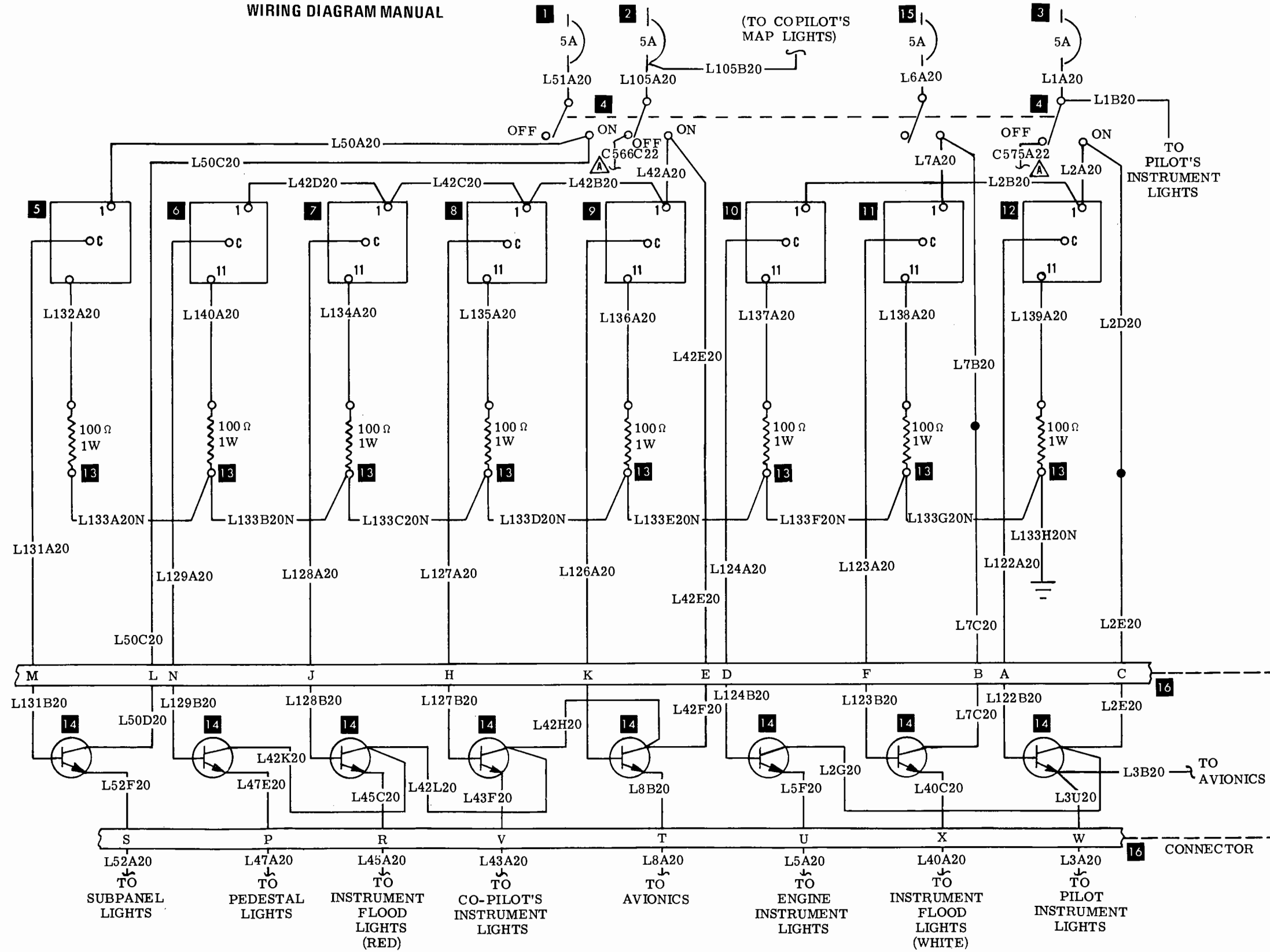
1. Circuit Breaker
2. Gear Unlocked Indicator
3. Nose Gear Down Indicator
4. L.H. Gear Down Indicator
5. R.H. Gear Down Indicator
6. L.H. Fuselage Wing Accessories Connector
7. Forward Pressure Bulkhead Connector
8. R.H. Fuselage Wing Accessories Connector
9. L.H. Subpanel Terminal Board
10. L.H. Gear Uplock Switch
11. L.H. Gear Downlock Switch
12. Nose Gear Uplock Switch
13. Nose Gear Down Lock Switch
14. R.H. Gear Uplock Switch
15. R.H. Gear Downlock Switch

* NOT USED

NOTE: CIRCUIT SHOWN WITH GEARS DOWN AND LOCKED

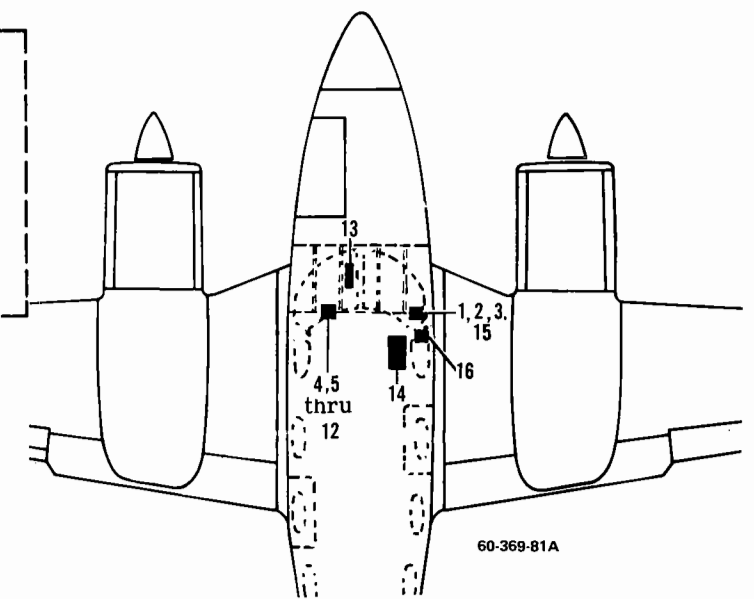
60-369-78

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL



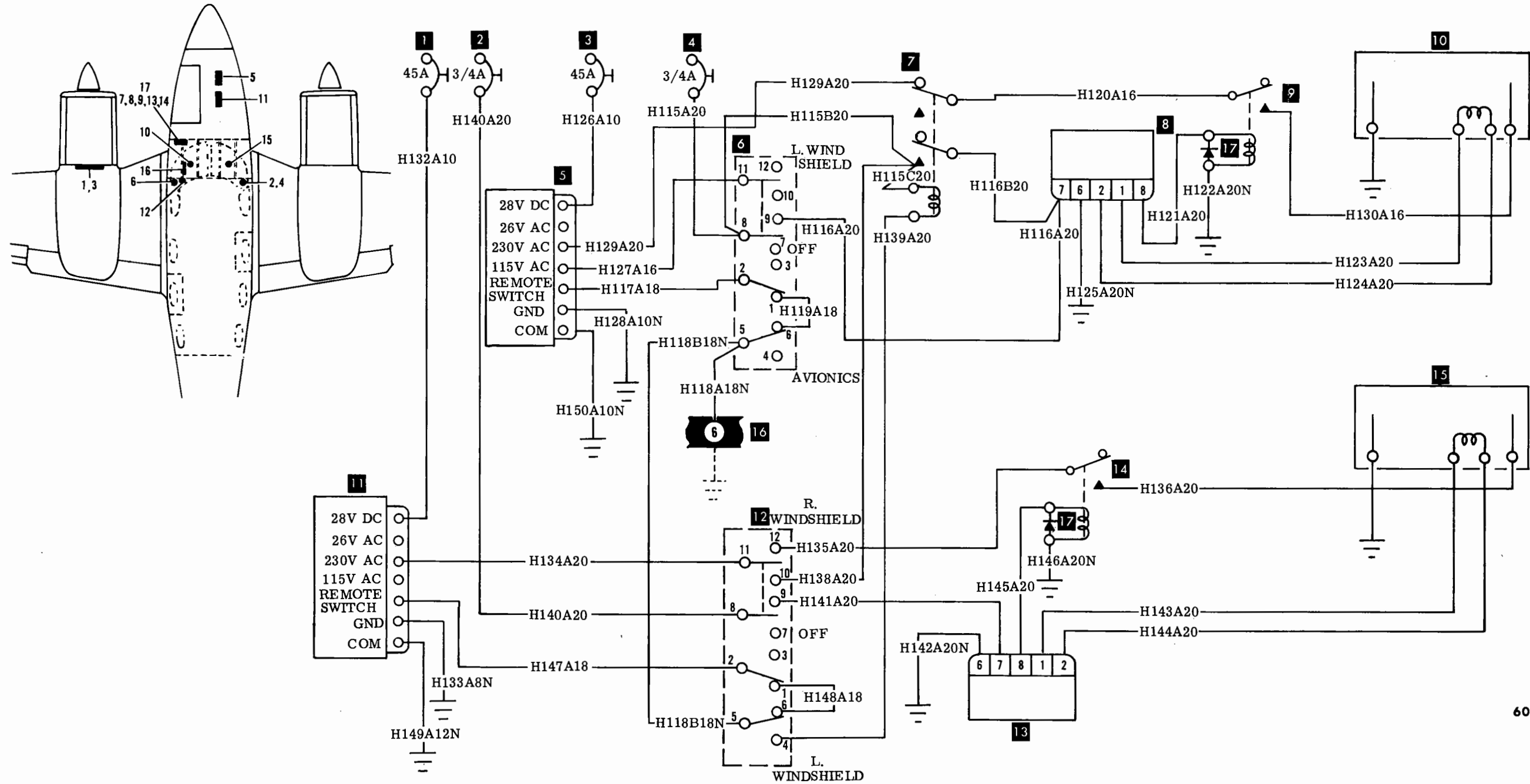
A TYPICAL CONTROL CIRCUIT

△ TO OPTIONAL H-14 AUTOPILOT
P-112 AND AFTER



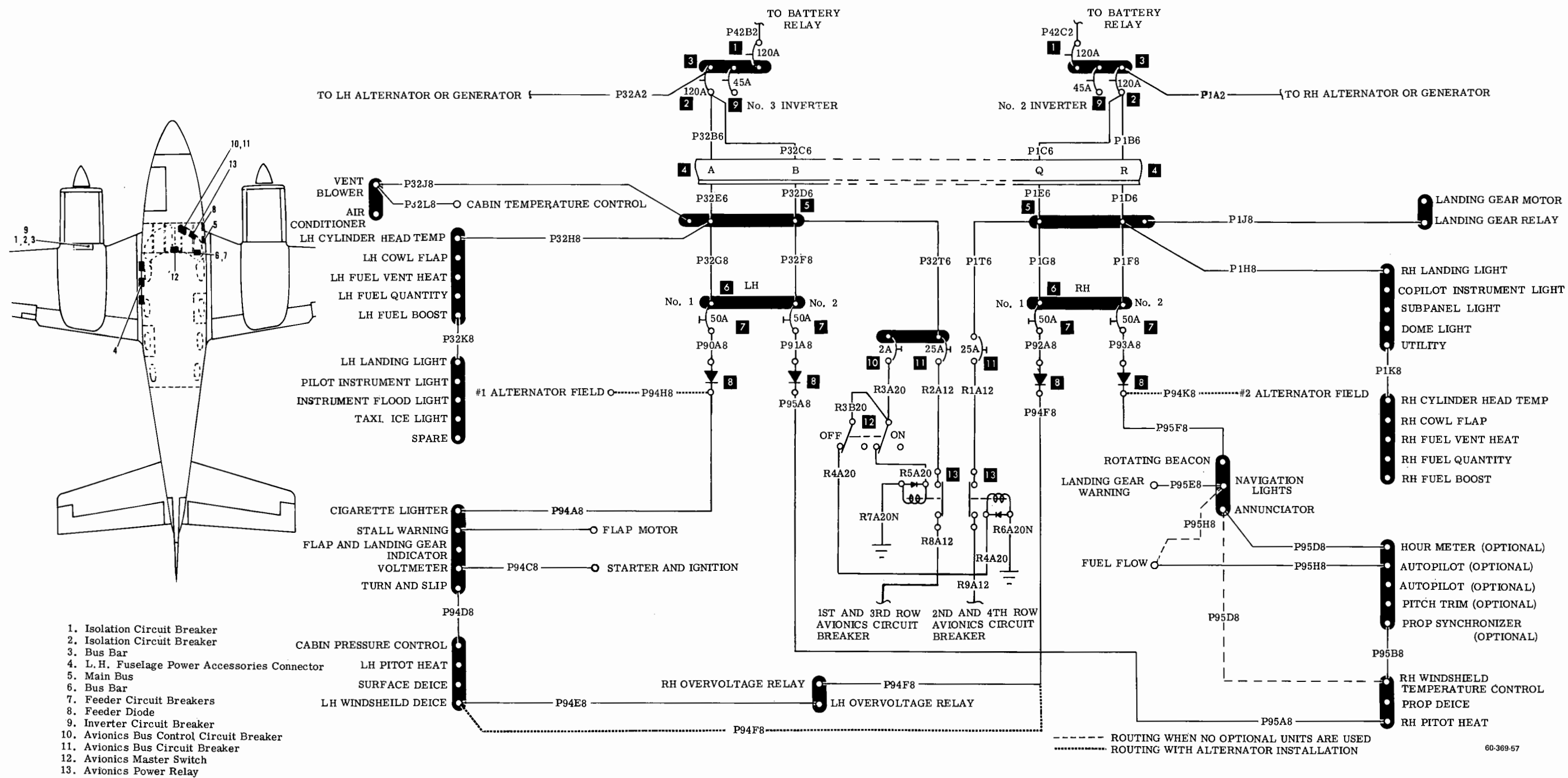
60-369-81A

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



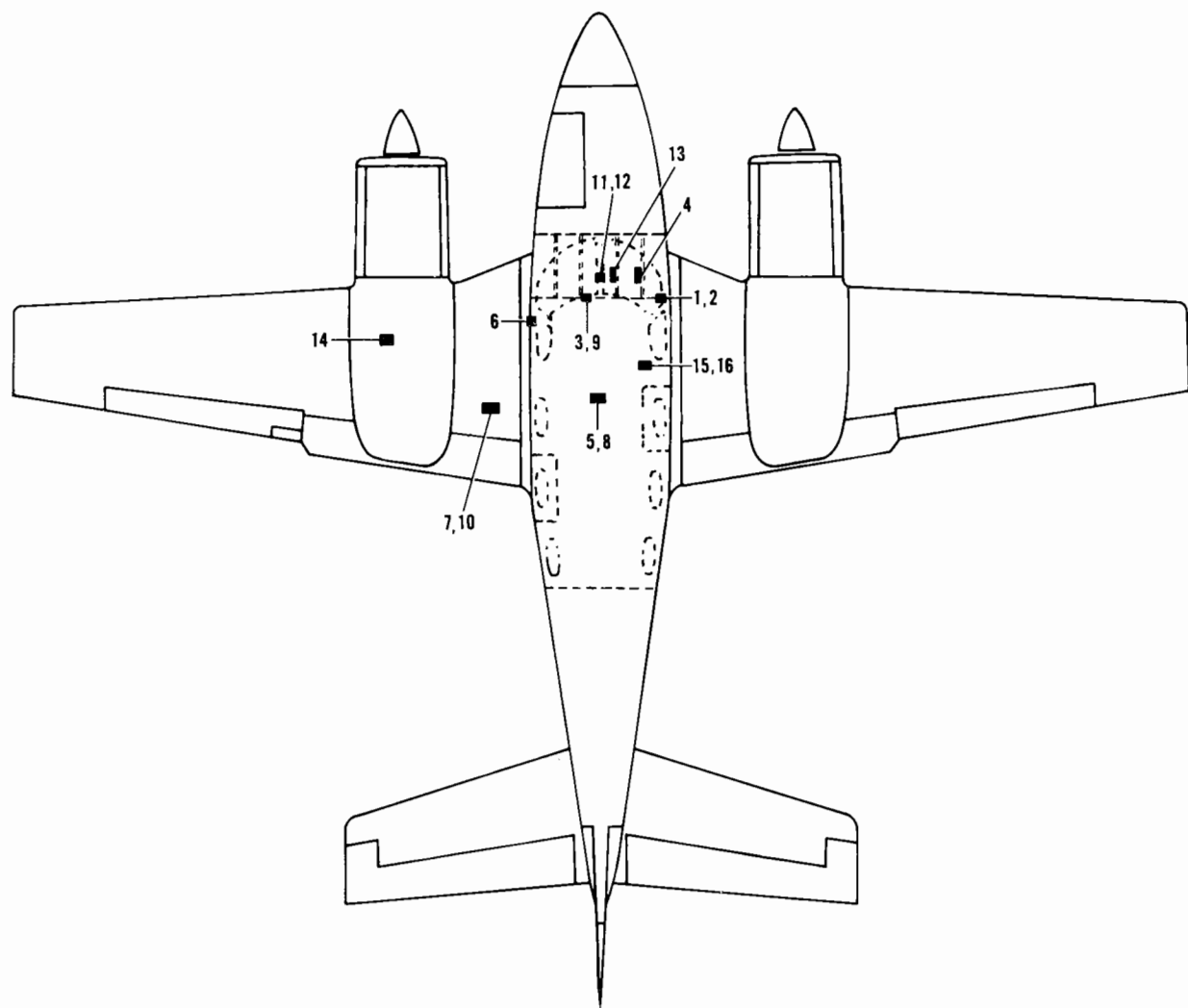
60-369-51

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



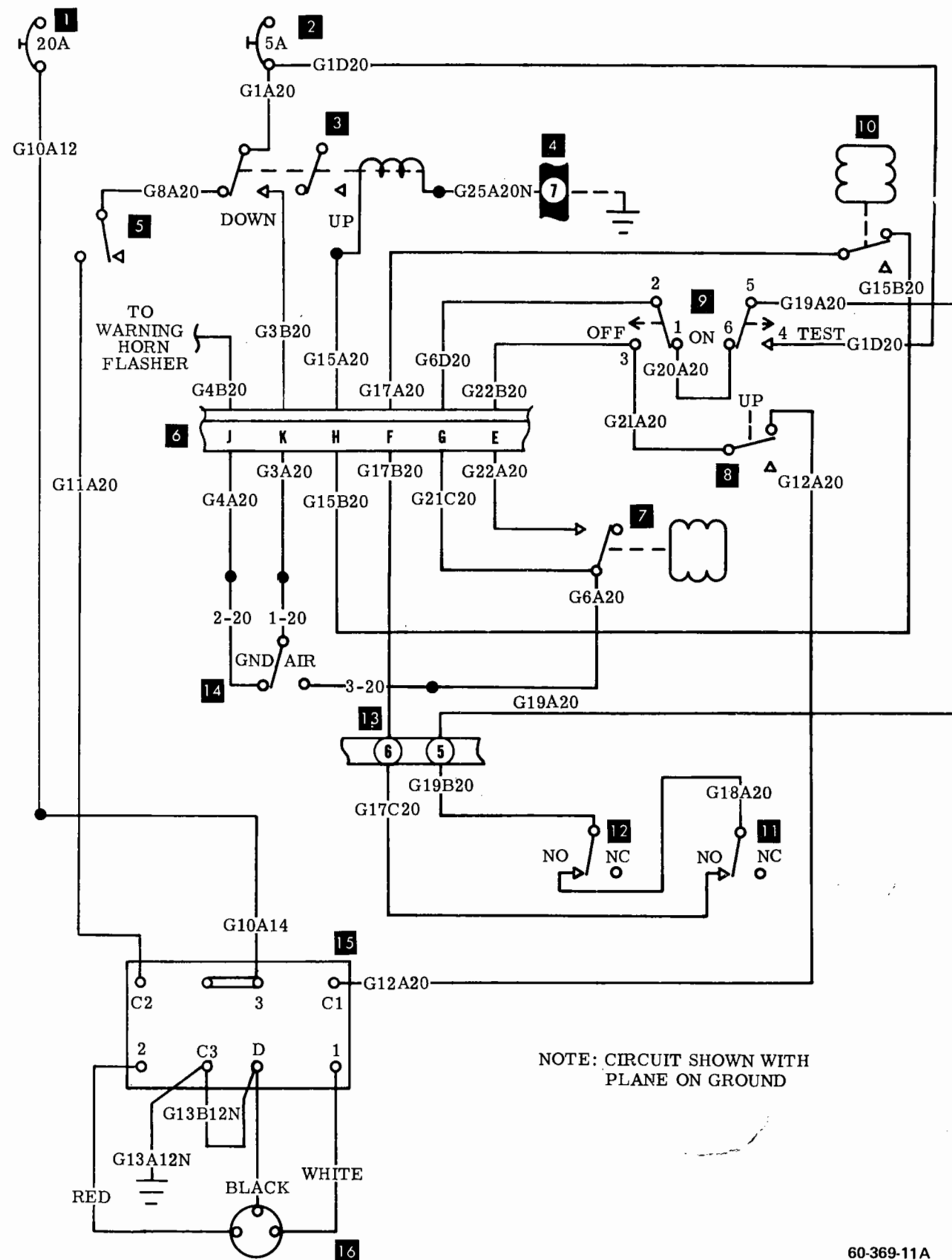
Power Distribution
P-62 thru P-126 except P-123

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL



1. Landing Gear Motor Circuit Breaker
2. Landing Gear Relay Circuit Breaker
3. Gear Control Switch
4. R. H. Subpanel Terminal Board
5. Down Limit Switch
6. L. H. Fuselage Wing Accessories Connector
7. 85 Knot Pressure Switch
8. UP Limit Switch
9. Safety System Test Switch
10. 120 Knot Pressure Switch
11. R. H. Throttle Switch
12. L. H. Throttle Switch
13. Pedestal Terminal Board
14. L. H. Gear Safety Switch
15. Dynamic Brake Relay
16. Landing Gear Motor

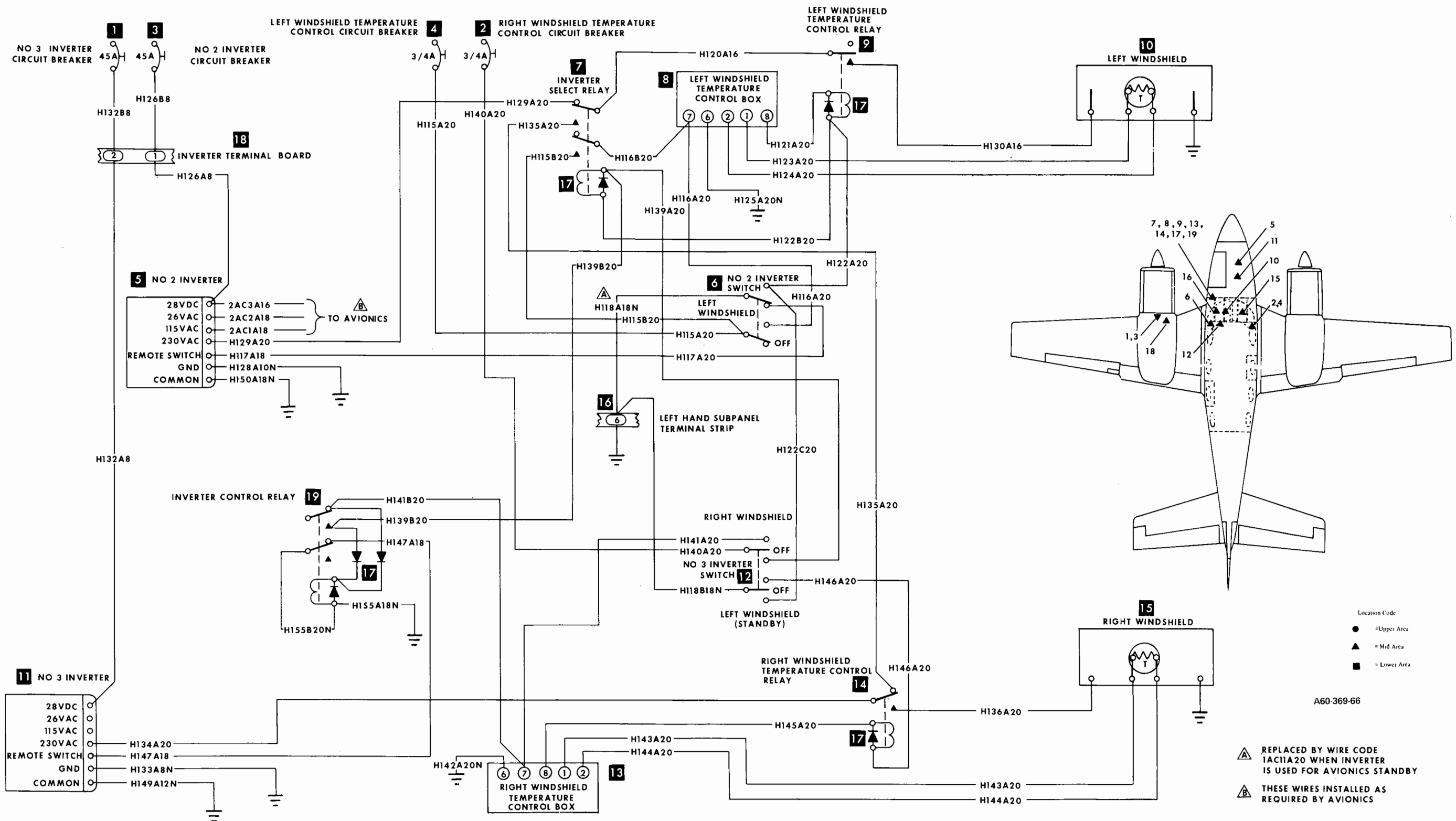
60-369-77



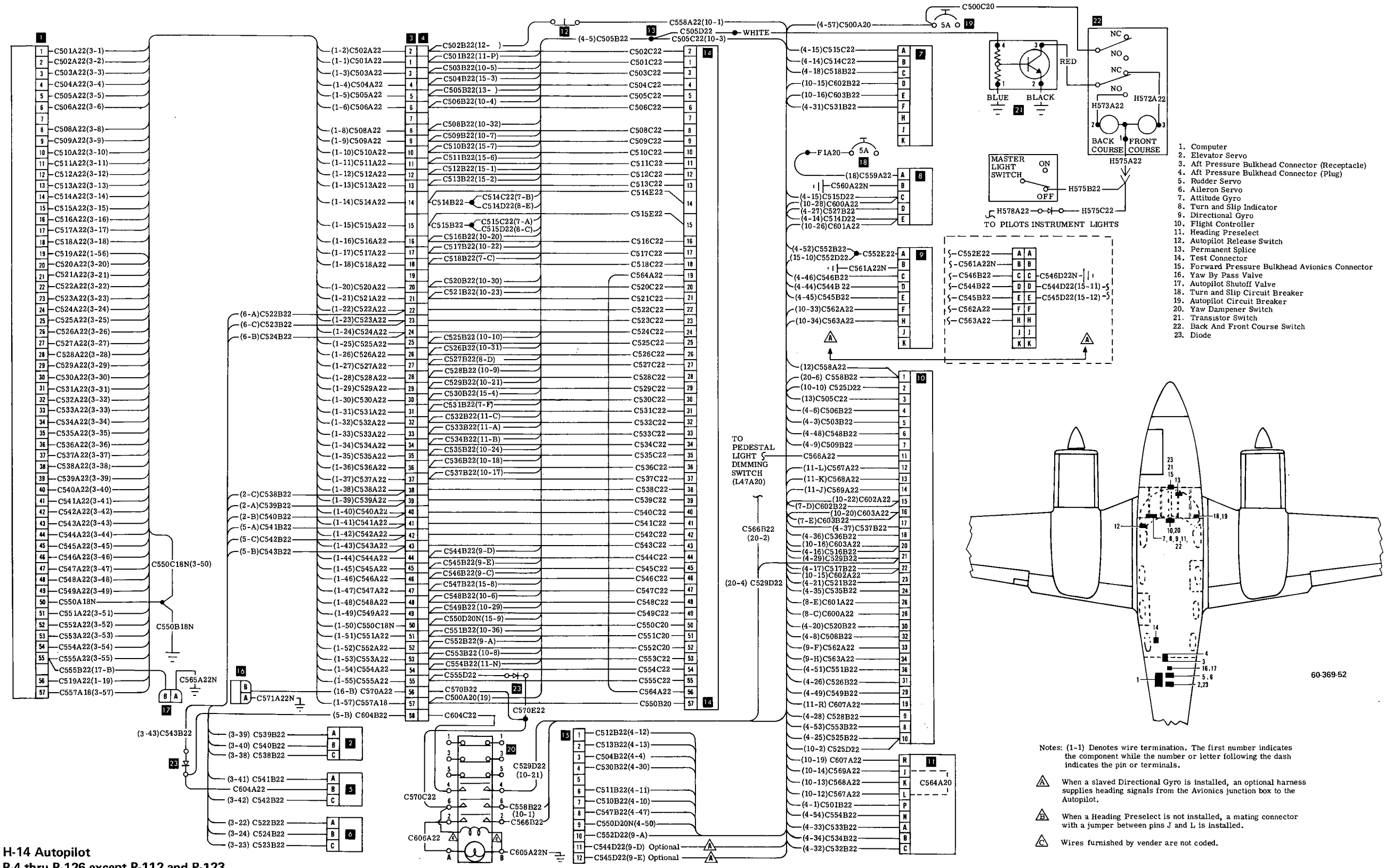
NOTE: CIRCUIT SHOWN WITH
PLANE ON GROUND

60-369-11A

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



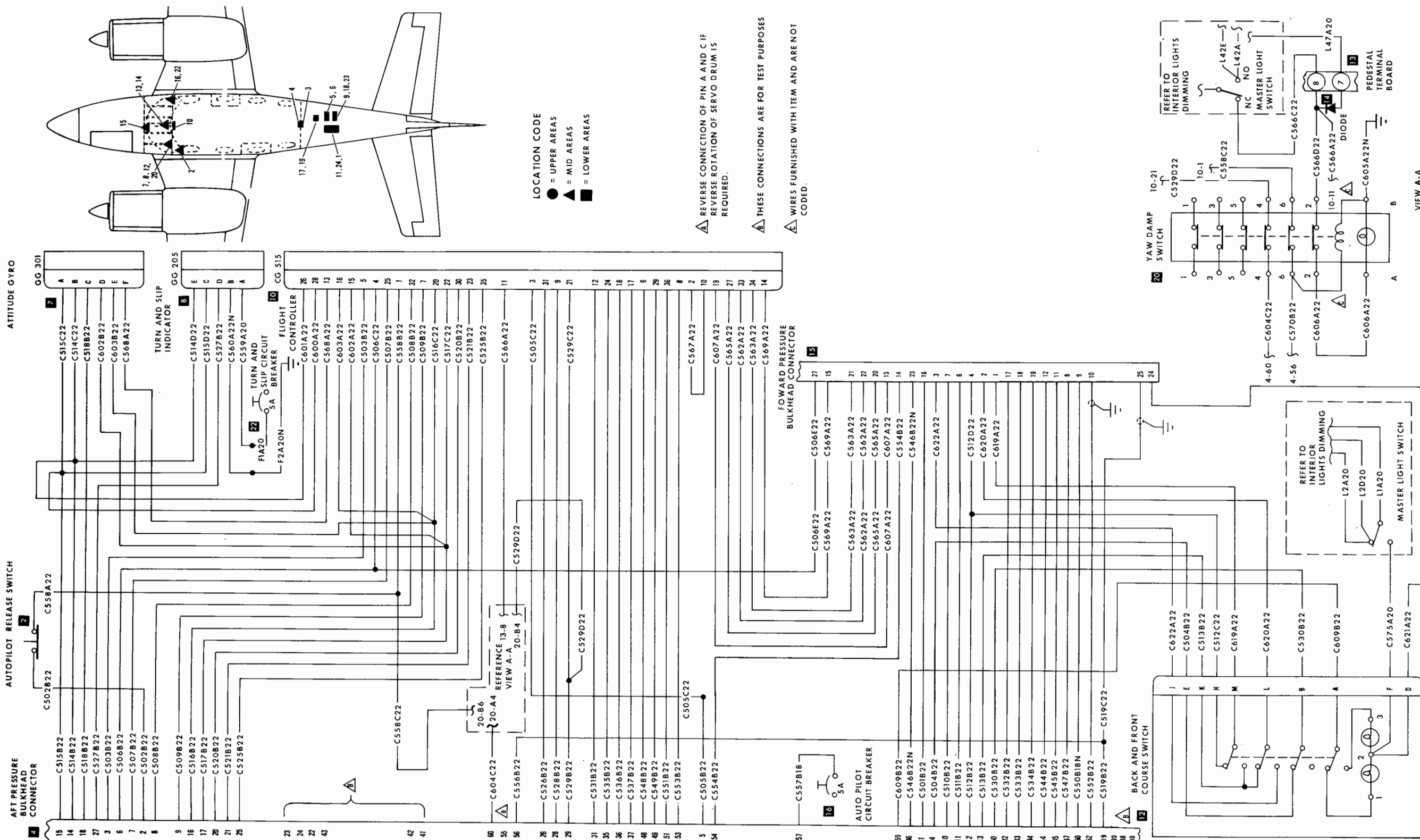
**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



**H-14 Autopilot
P-4 thru P-126 except P-112 and P-123**

60-369-52

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL



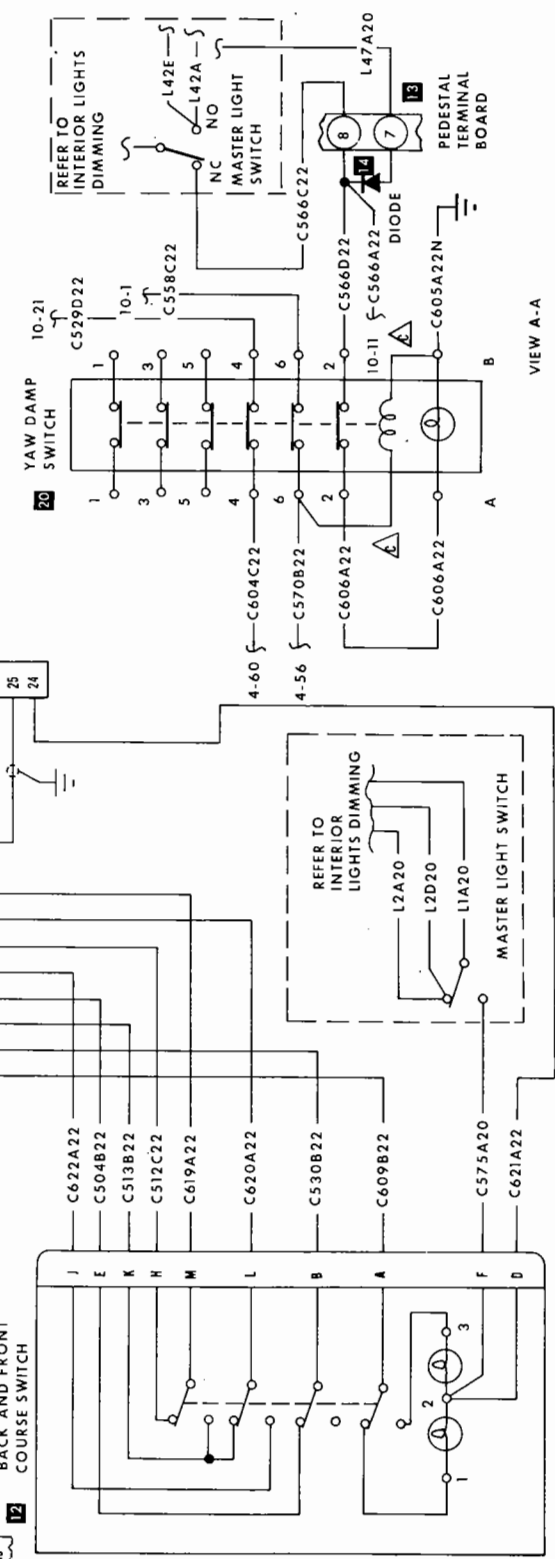
H-14 Autopilot
P-160 thru P-187

LOCATION CODE
● = UPPER AREAS
▲ = MID AREAS
■ = LOWER AREAS

△ REVERSE CONNECTION OF PIN A AND C IF REVERSE ROTATION OF SERVO DRUM IS REQUIRED.

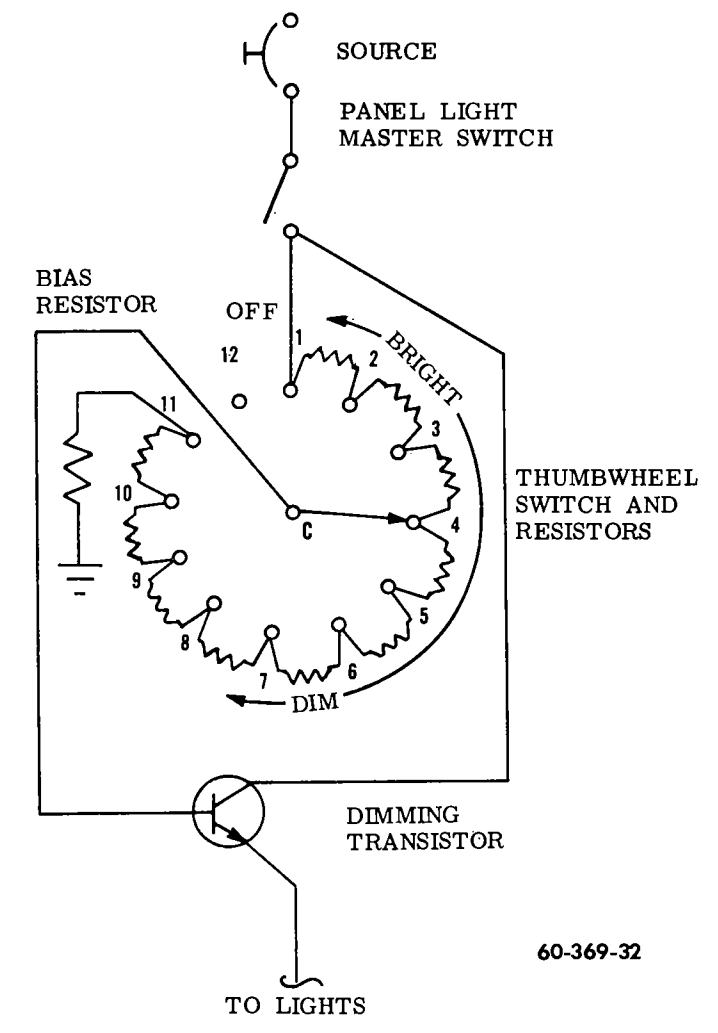
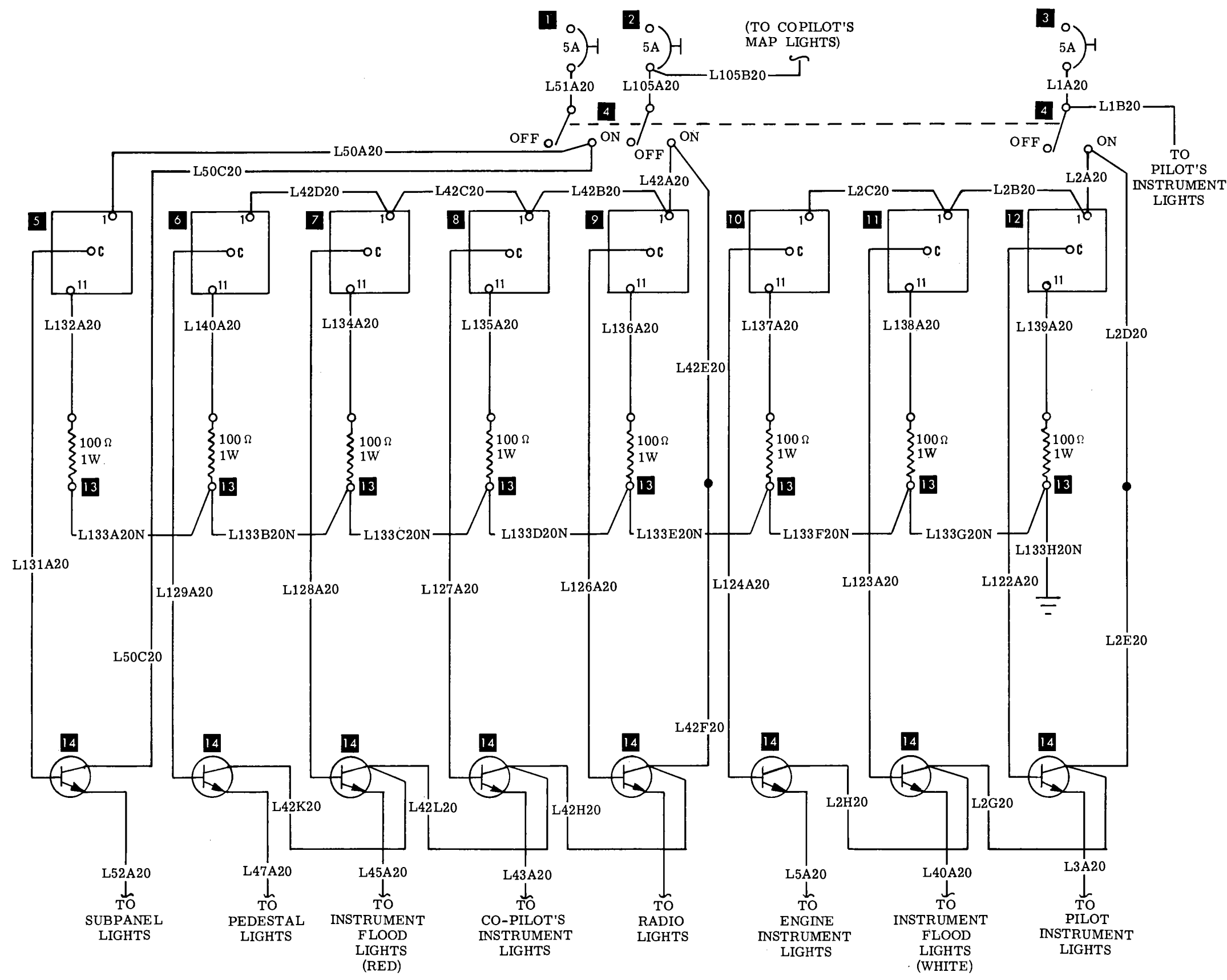
△ THESE CONNECTIONS ARE FOR TEST PURPOSES

△ WIRES FURNISHED WITH ITEM AND ARE NOT CODED.

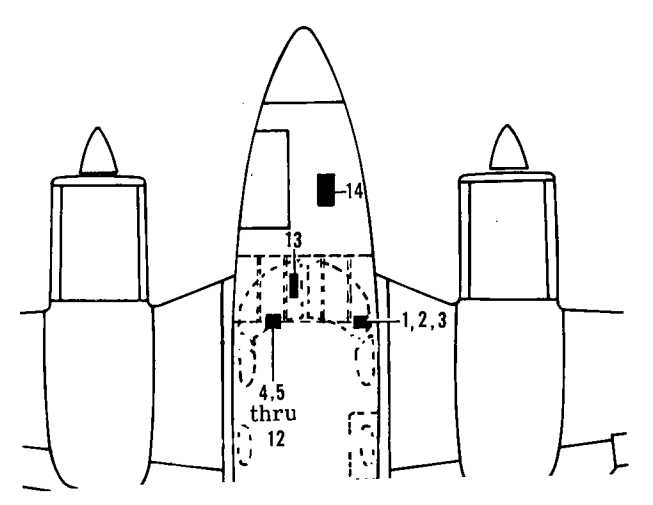


A60-369-139

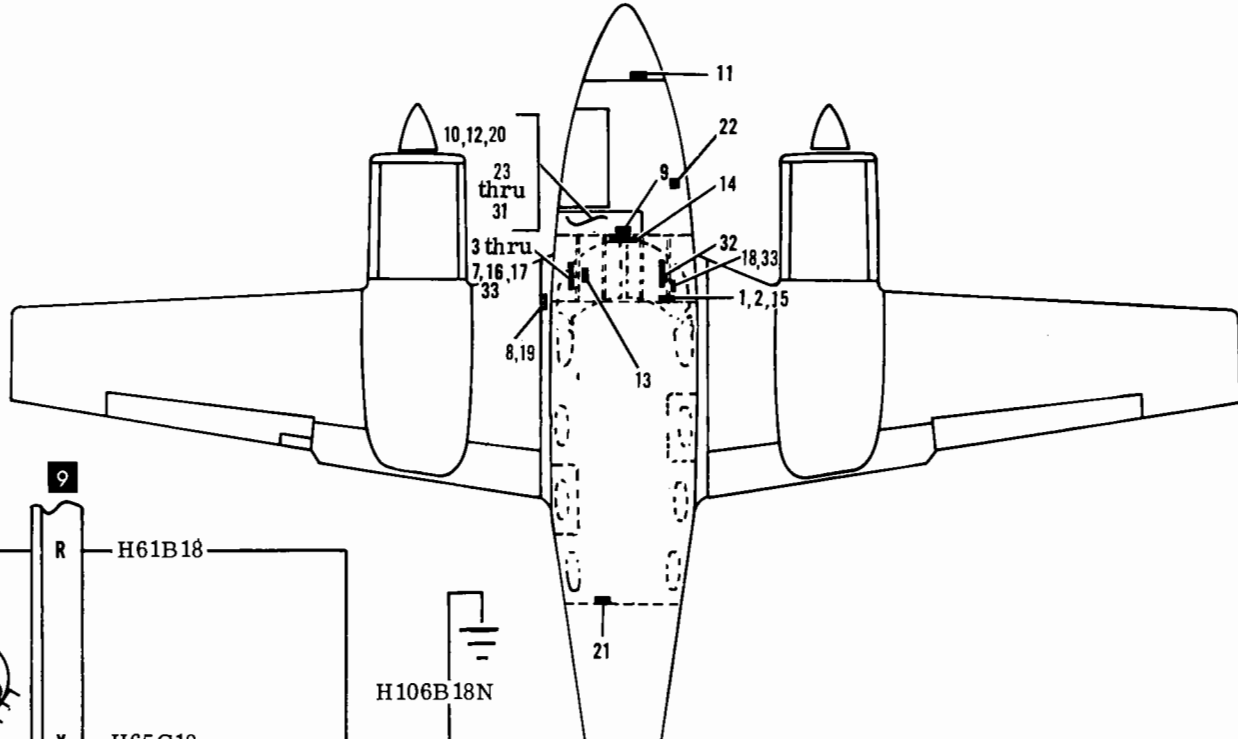
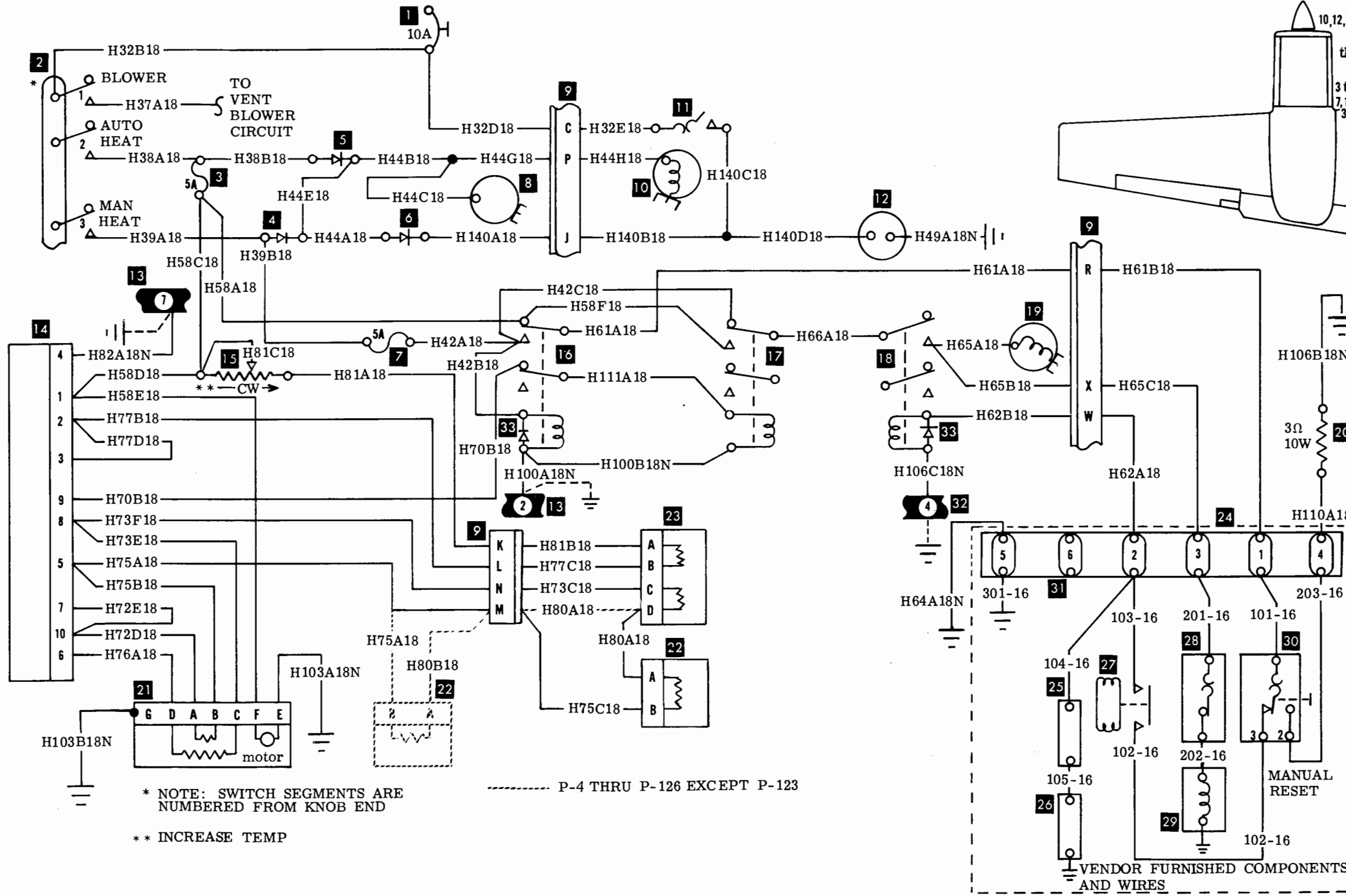
**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



A TYPICAL CONTROL CIRCUIT



**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



1. Cabin Temperature Control Circuit Breaker
2. Mode Select Switch
3. Auto Heat Fuse
4. Auto Heat Blocking Diode
5. Manual Heat Blocking Diode
6. Combustion Blower Blocking Diode
7. Manual Heat Fuse
8. Heater Fuel Pump
9. Forward Pressure Bulkhead Connector
10. Combustion Air Solenoid Valve
11. Avionics Thermostat Switch
12. Combustion Air Blower
13. L. H. Subpanel Terminal Board
14. Cabin Temperature Controller
15. Temperature Control Rheostat
16. Auto or Manual Heat Relay
17. Heater Cycle Relay
18. Heater Safety Relay
19. Remote Heater Solenoid Valve
20. Resistor
21. Cabin Air Temperature Sensor
22. Outside Air Temperature Sensor
23. Heater Discharge Temperature Sensor
24. Heater
25. Ignition Filter
26. Ignition Unit
27. Differential Pressure Switch
28. Thermal Cycling Switch
29. Fuel Solenoid
30. Thermal Overtemperature Switch
31. Heater Terminal Board
32. R. H. Terminal Board
33. Diode

* NOTE: SWITCH SEGMENTS ARE NUMBERED FROM KNOB END
 ** INCREASE TEMP

----- P-4 THRU P-126 EXCEPT P-123

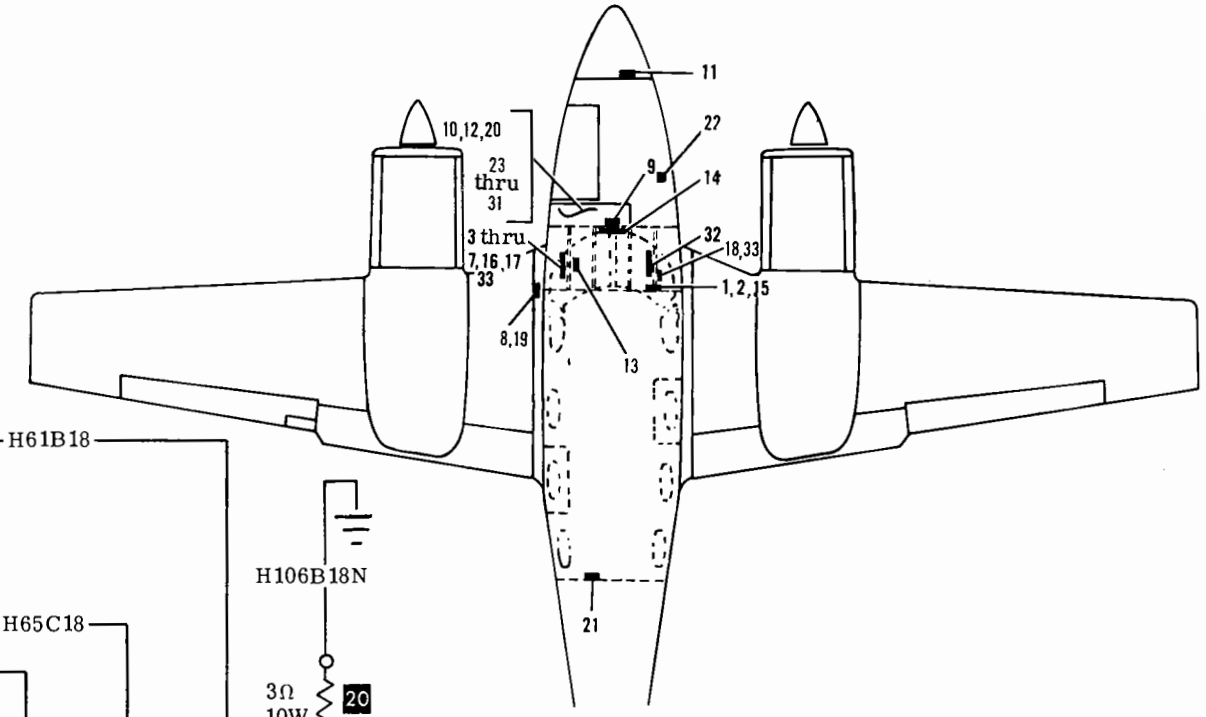
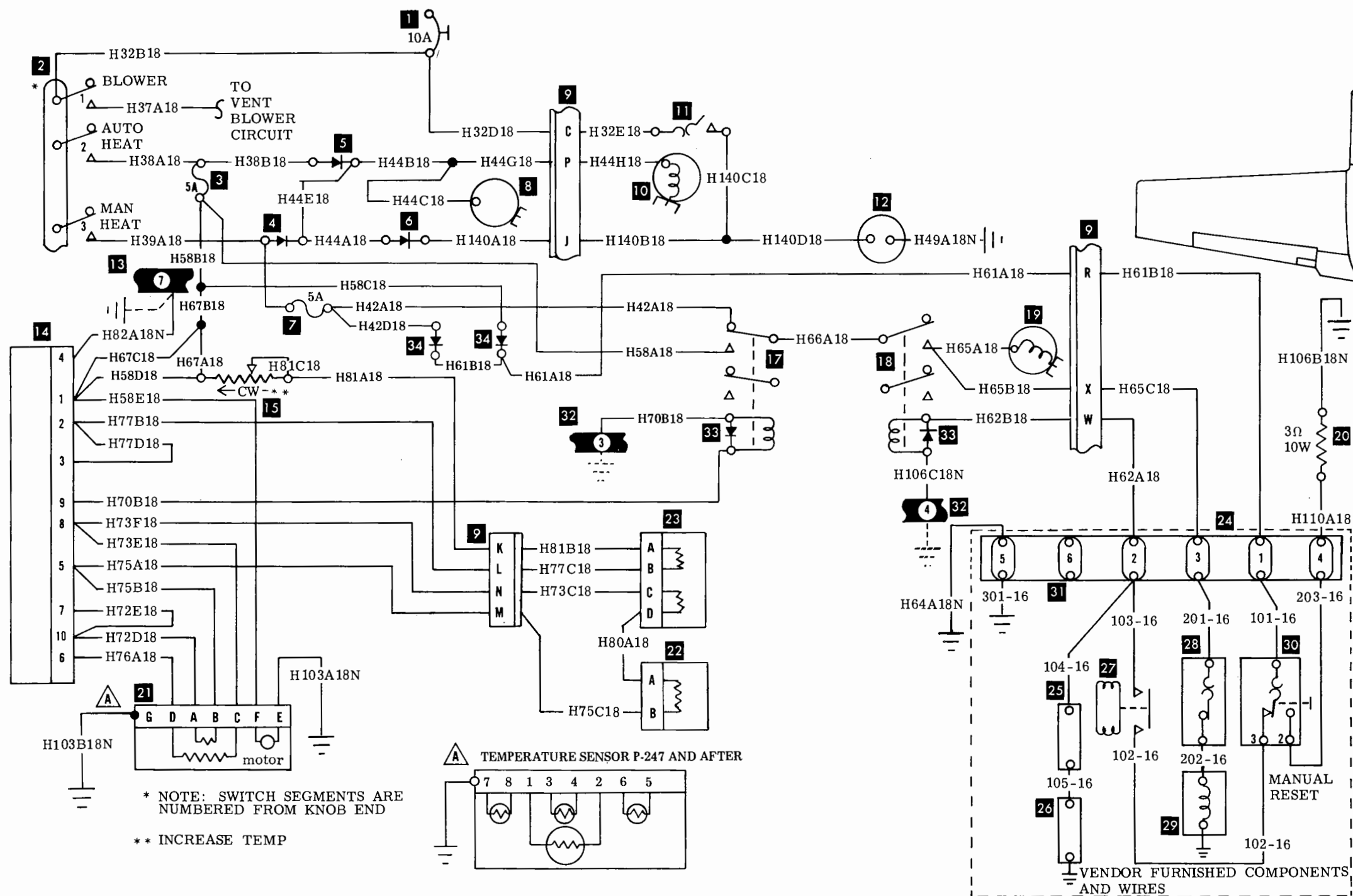
VENDOR FURNISHED COMPONENTS AND WIRES

60-369-46

60-369-83

Cabin Temperature (Heater)
 P-4 thru P-126 except P-123

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



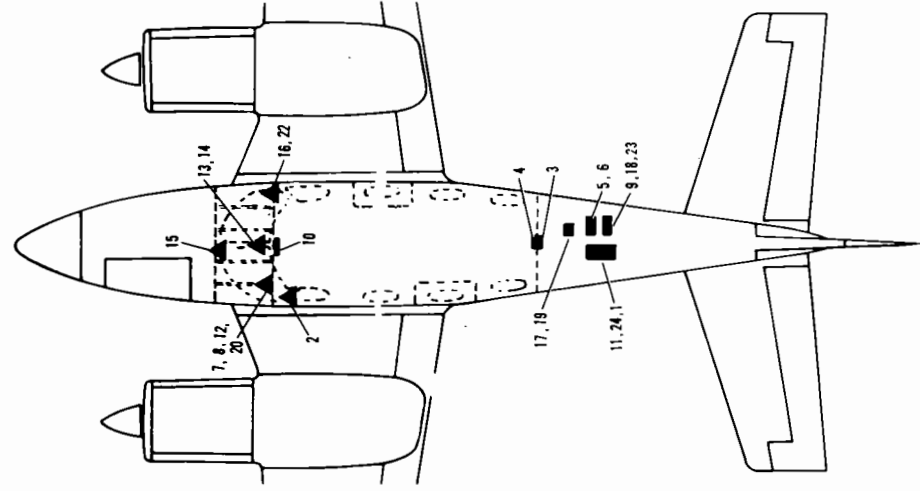
1. Cabin Temperature Control Circuit Breaker
2. Mode Select Switch
3. Auto Heat Fuse
4. Auto Heat Blocking Diode
5. Manual Heat Blocking Diode
6. Combustion Blower Blocking Diode
7. Manual Heat Fuse
8. Heater Fuel Pump
9. Forward Pressure Bulkhead Connector
10. Combustion Air Solenoid Valve
11. Avionics Thermostat Switch
12. Combustion Air Blower
13. L. H. Subpanel Terminal Board
14. Cabin Temperature Controller
15. Temperature Control Rheostat
16. Not Used
17. Temperature Control Relay
18. Heater Safety Relay
19. Remote Heater Solenoid Valve
20. Resistor
21. Cabin Air Temperature Sensor
22. Outside Air Temperature Sensor
23. Heater Discharge Temperature Sensor
24. Heater
25. Ignition Filter
26. Ignition Unit
27. Differential Pressure Switch
28. Thermal Cycling Switch
29. Fuel Solenoid
30. Thermal Overtemperature Switch
31. Heater Terminal Board
32. R. H. Terminal Board
33. Diode
34. Blocking Diode

* NOTE: SWITCH SEGMENTS ARE NUMBERED FROM KNOB END
 ** INCREASE TEMP

VENDOR FURNISHED COMPONENTS AND WIRES

60-369-83A

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

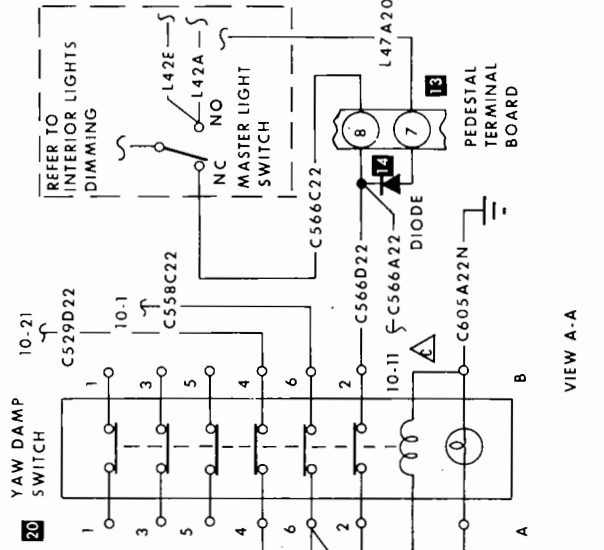
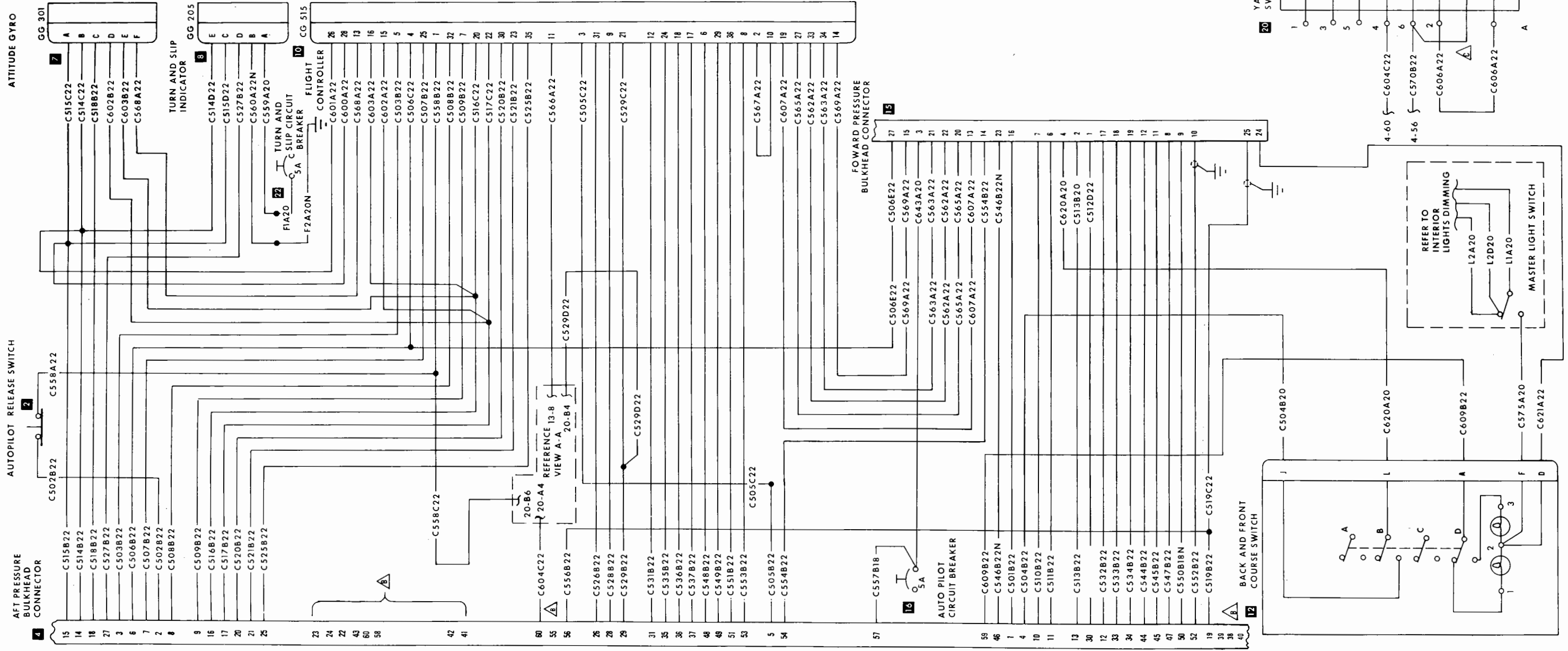


LOCATION CODE
 ● = UPPER AREAS
 ▲ = MID AREAS
 ■ = LOWER AREAS

▲ REVERSE CONNECTION OF PIN A AND C IF REVERSE ROTATION OF SERVO DRUM IS REQUIRED.

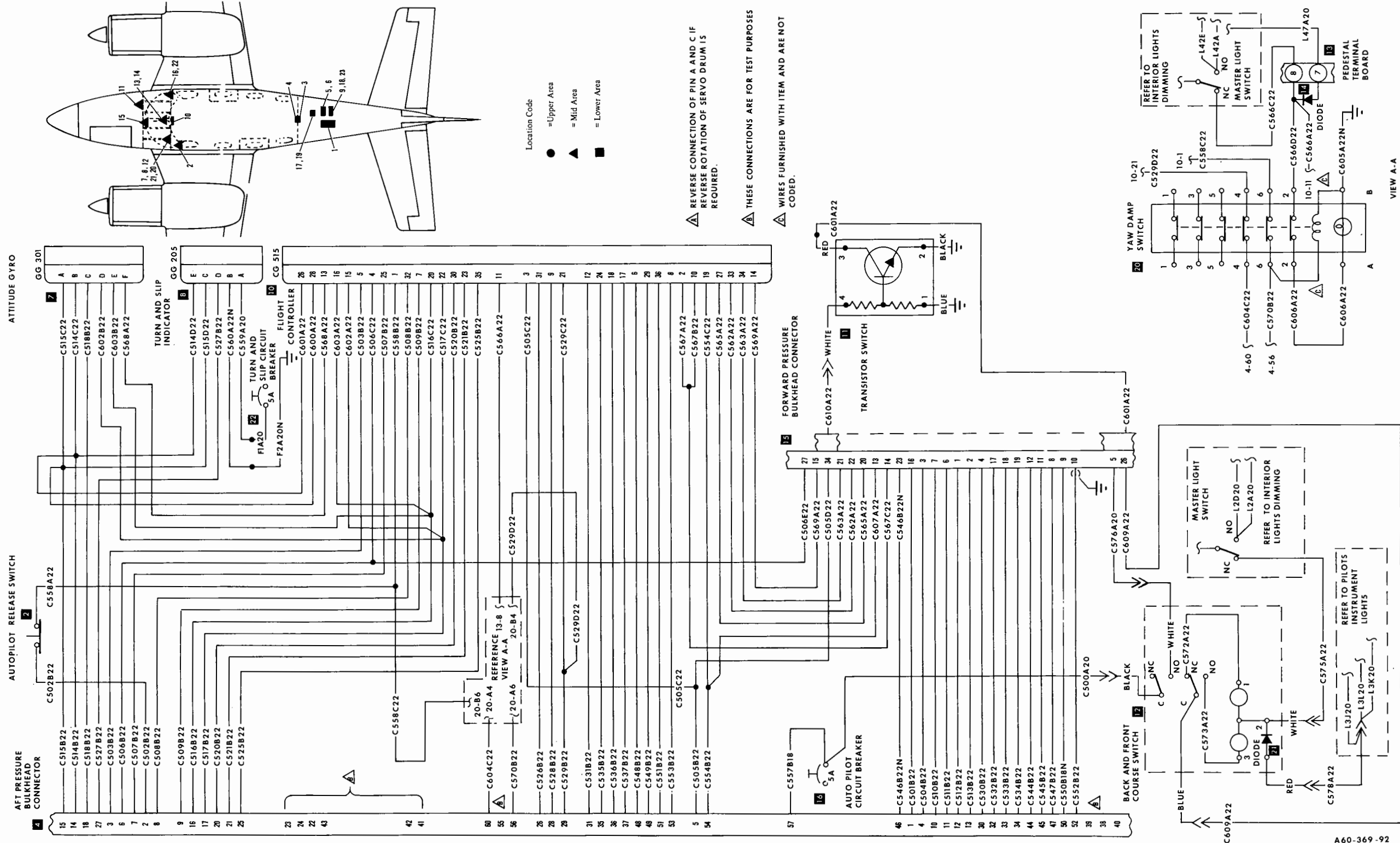
▲ THESE CONNECTIONS ARE FOR TEST PURPOSES

▲ WIRES FURNISHED WITH ITEM AND ARE NOT CODED.

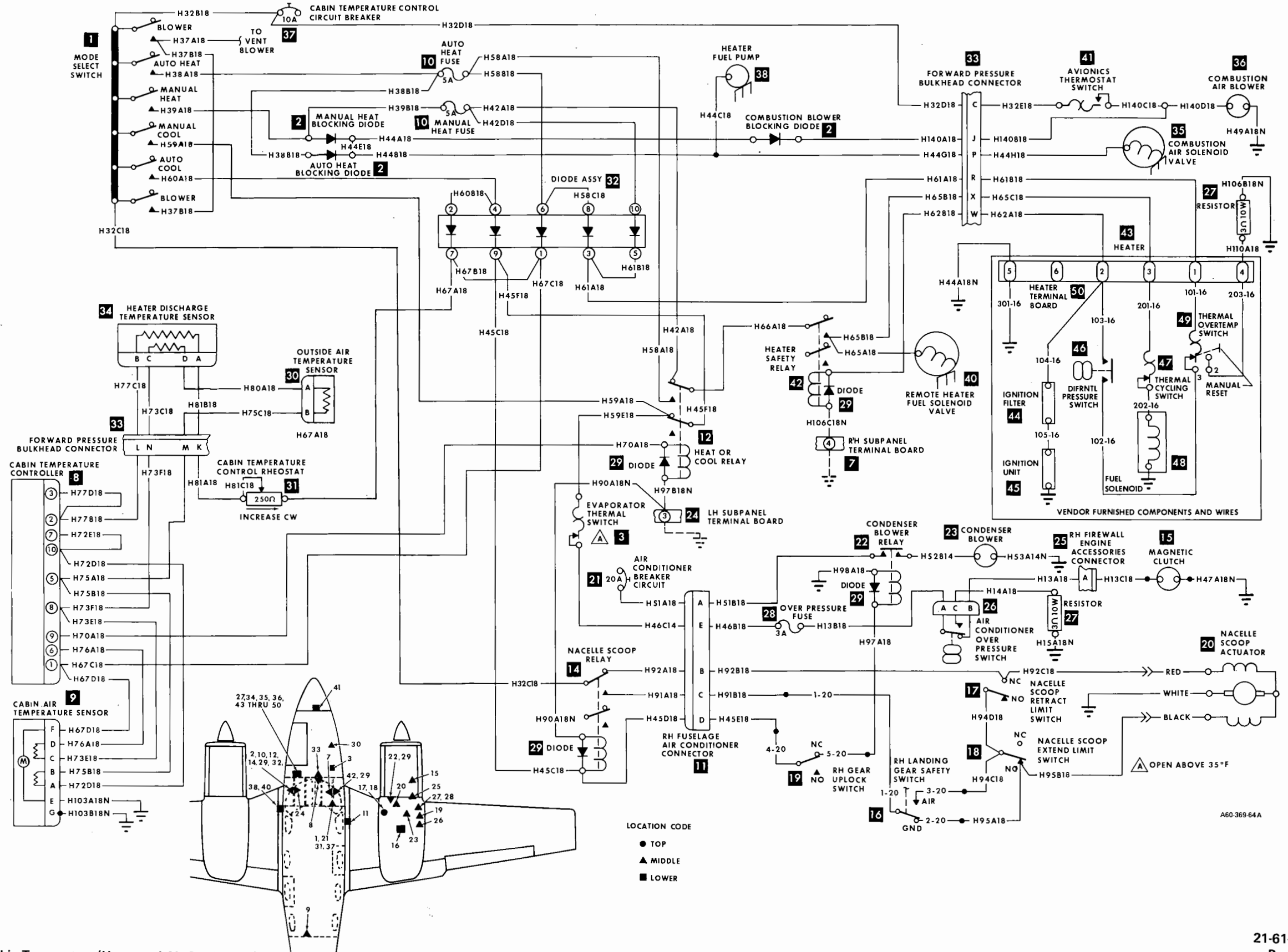


VIEW A-A

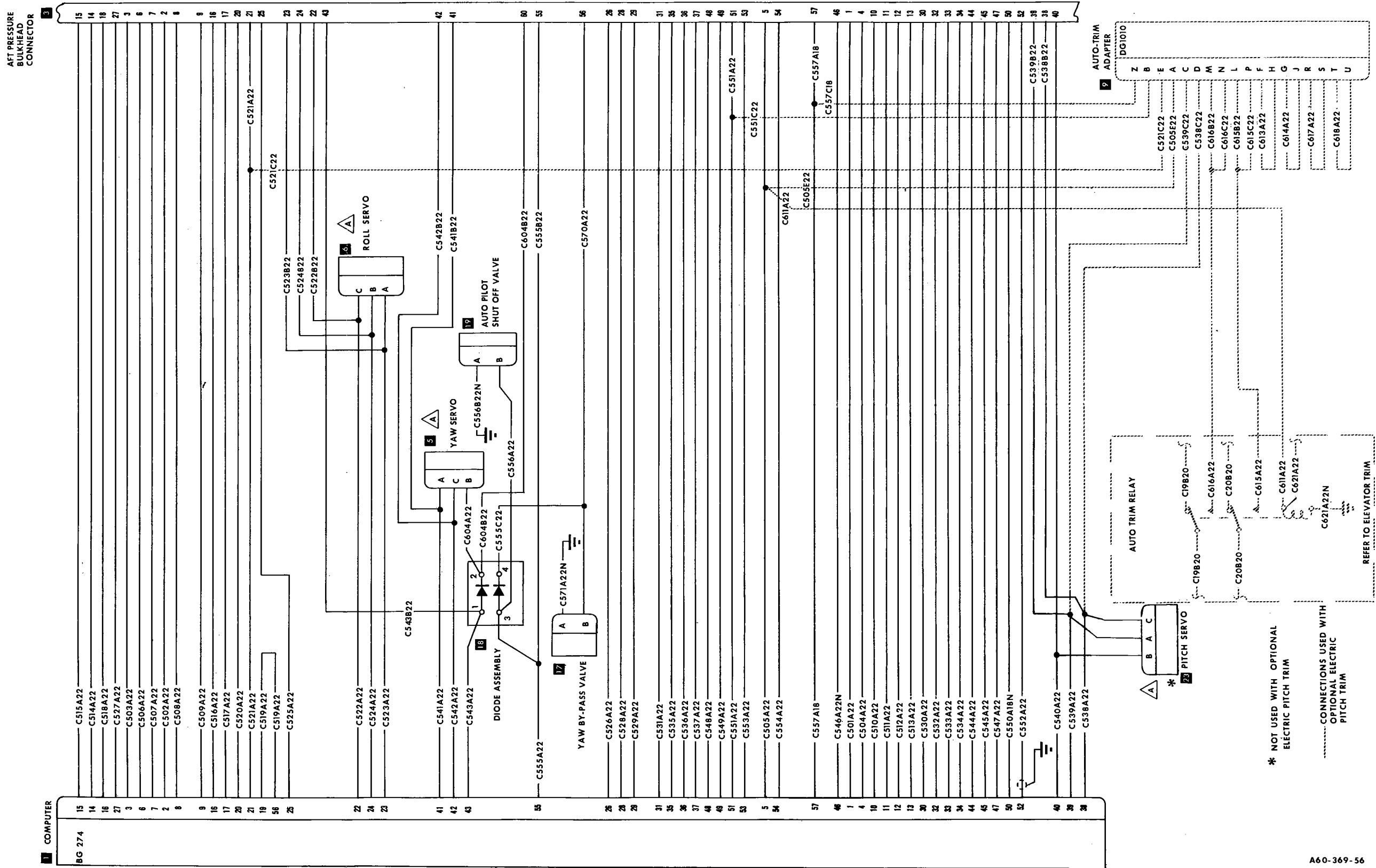
BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL



**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**



**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

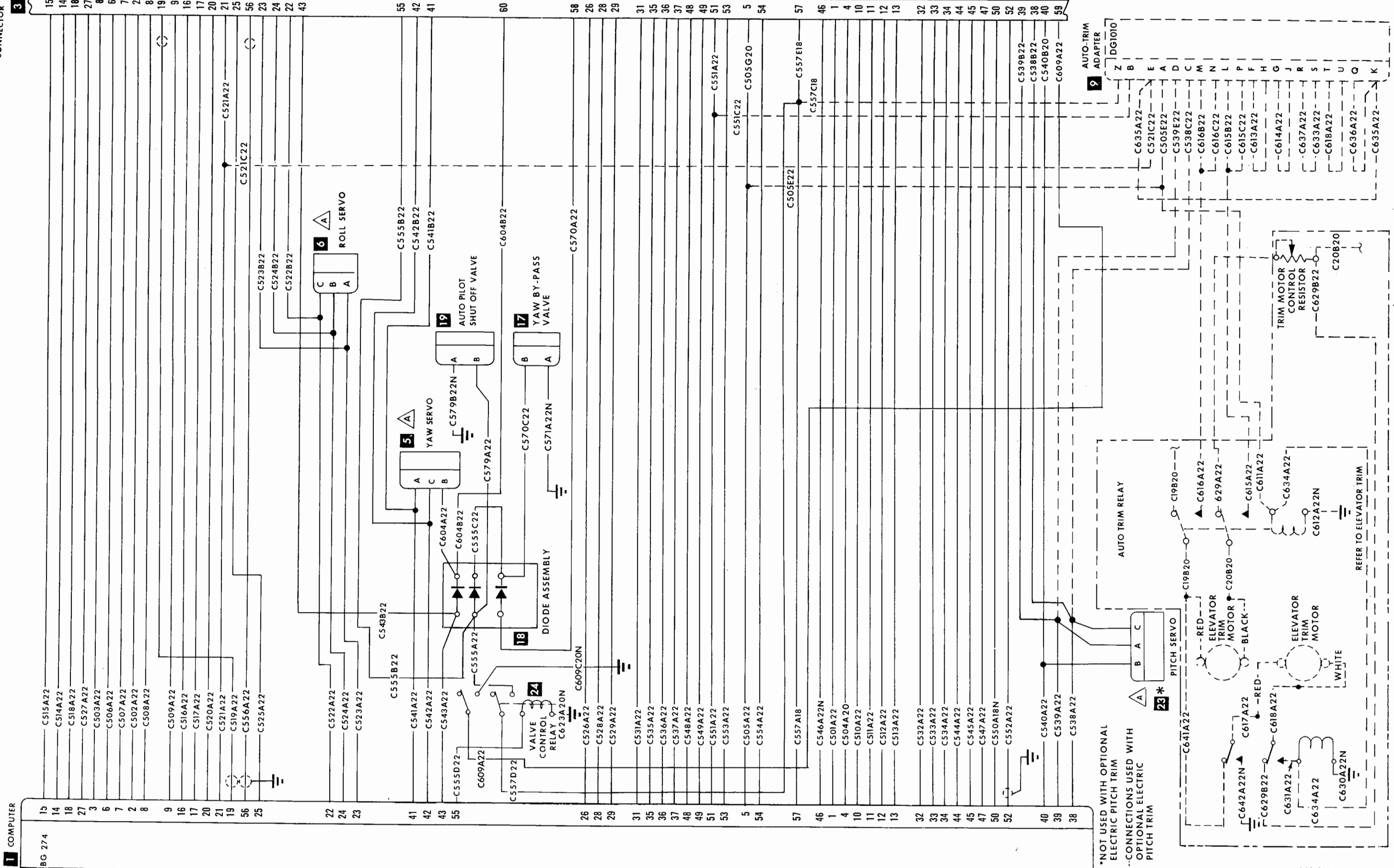


A60-369-56

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

AFT PRESSURE
BULKHEAD
CONNECTOR

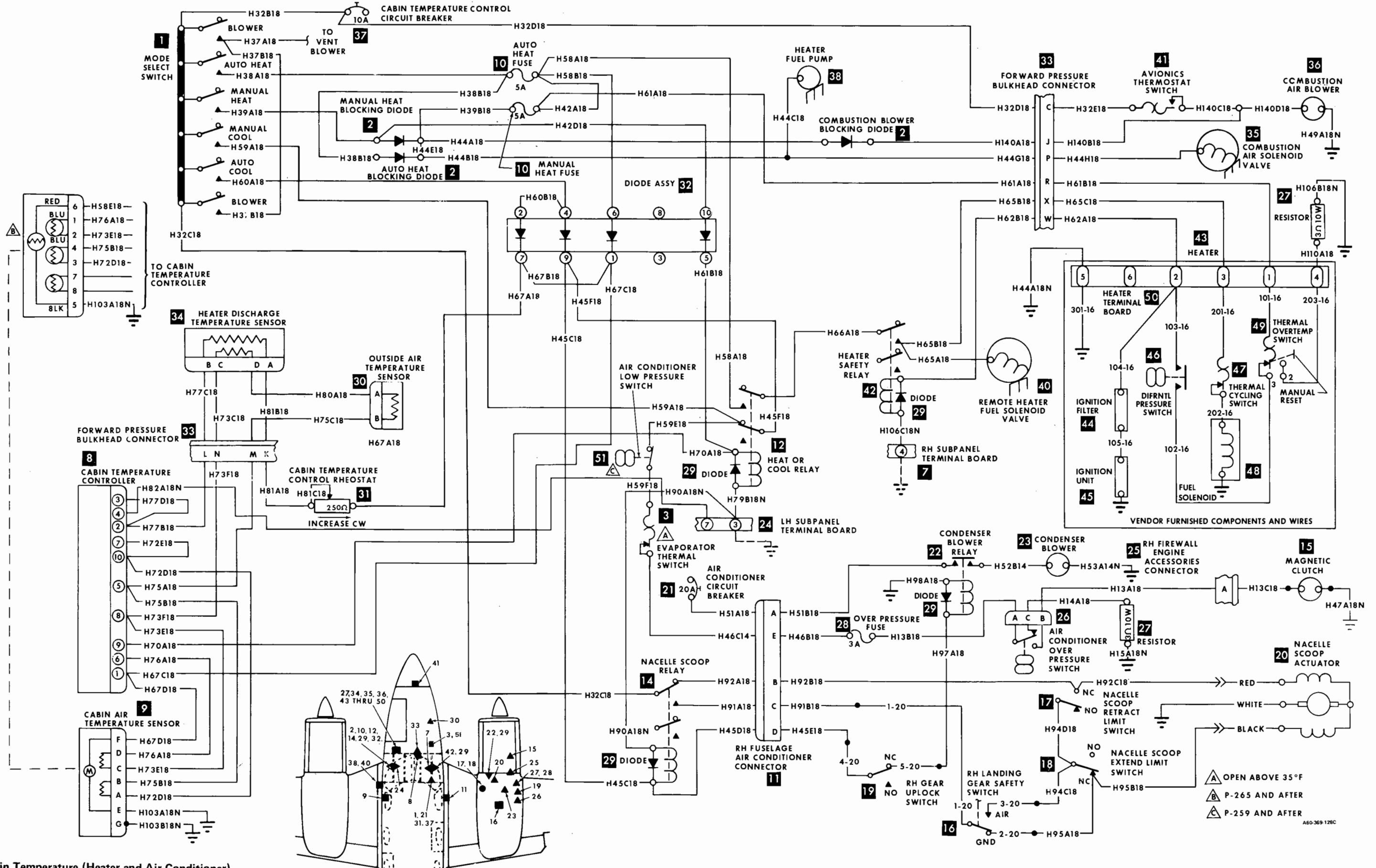


*NOT USED WITH OPTIONAL
ELECTRIC PITCH TRIM
---CONNECTIONS USED WITH
OPTIONAL ELECTRIC
PITCH TRIM

A60-369-138

H-14 Autopilot
P-188 and after

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

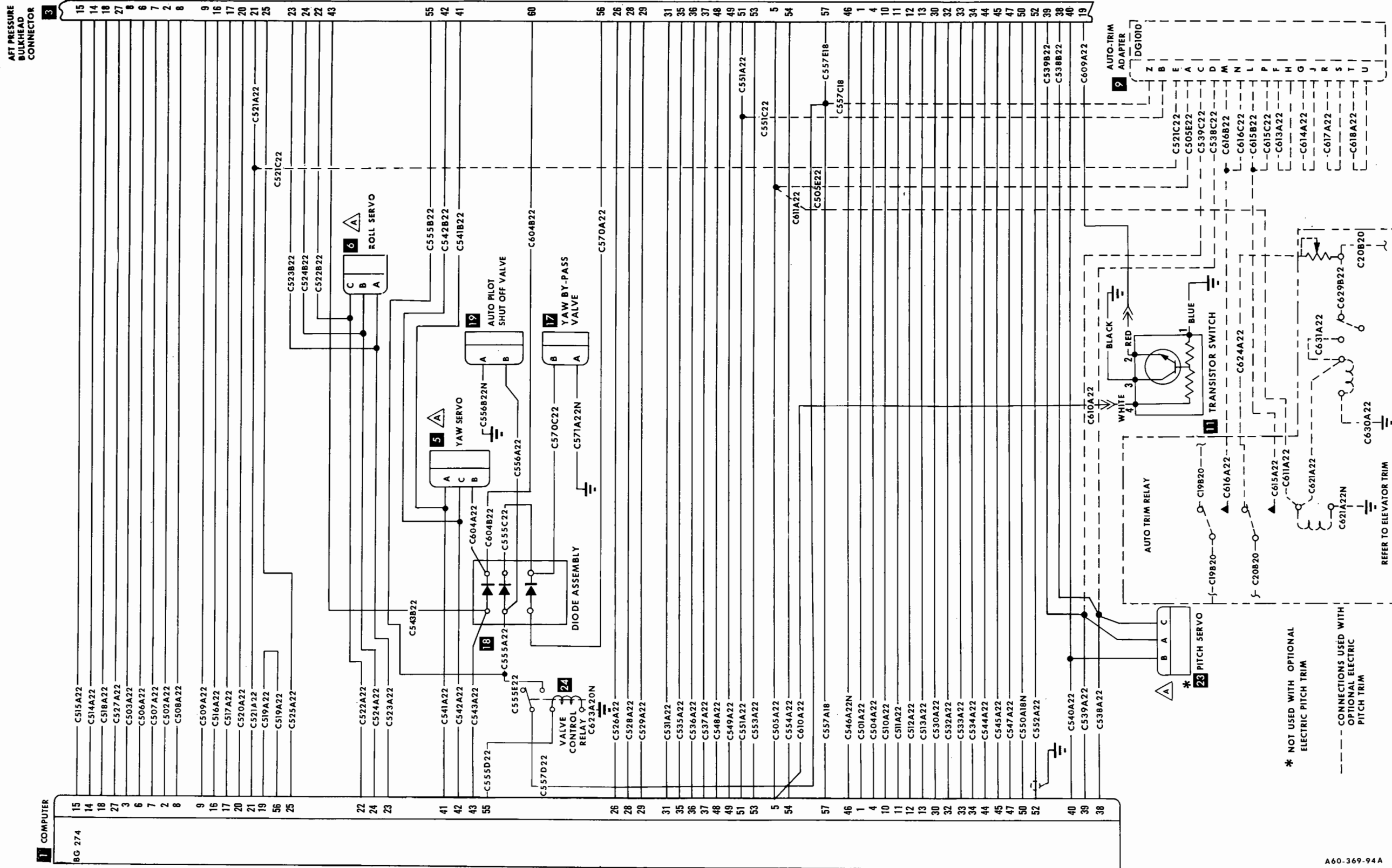


Cabin Temperature (Heater and Air Conditioner)
P-159, P-166 and after

B E E C H C R A F T
DUKE 60 SERIES
W I R I N G D I A G R A M M A N U A L

ATA CODE & INDEX NO.	PART NO.	DESCRIPTION	UNITS							USABLE ON CODE
			1	2	3	4	5	6	7	
61-04 - 46	42D36	SWITCH,DIFFERENTIAL PRESSURE							1	1
- 47	B07D32	SWITCH,THERMAL CYCLING							1	1
- 48	57DC6	SOLENOID,FUEL							1	1
- 49	56DC1	SWITCH,THERMAL OVERTEMP							1	1
- 50	Q7D44	TERMINAL BOARD,HEATER							1	1
- 51	M4CC9-20	SWITCH,AIR CONDITIONER LOW PRESSURE							1	6

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL



* NOT USED WITH OPTIONAL
ELECTRIC PITCH TRIM

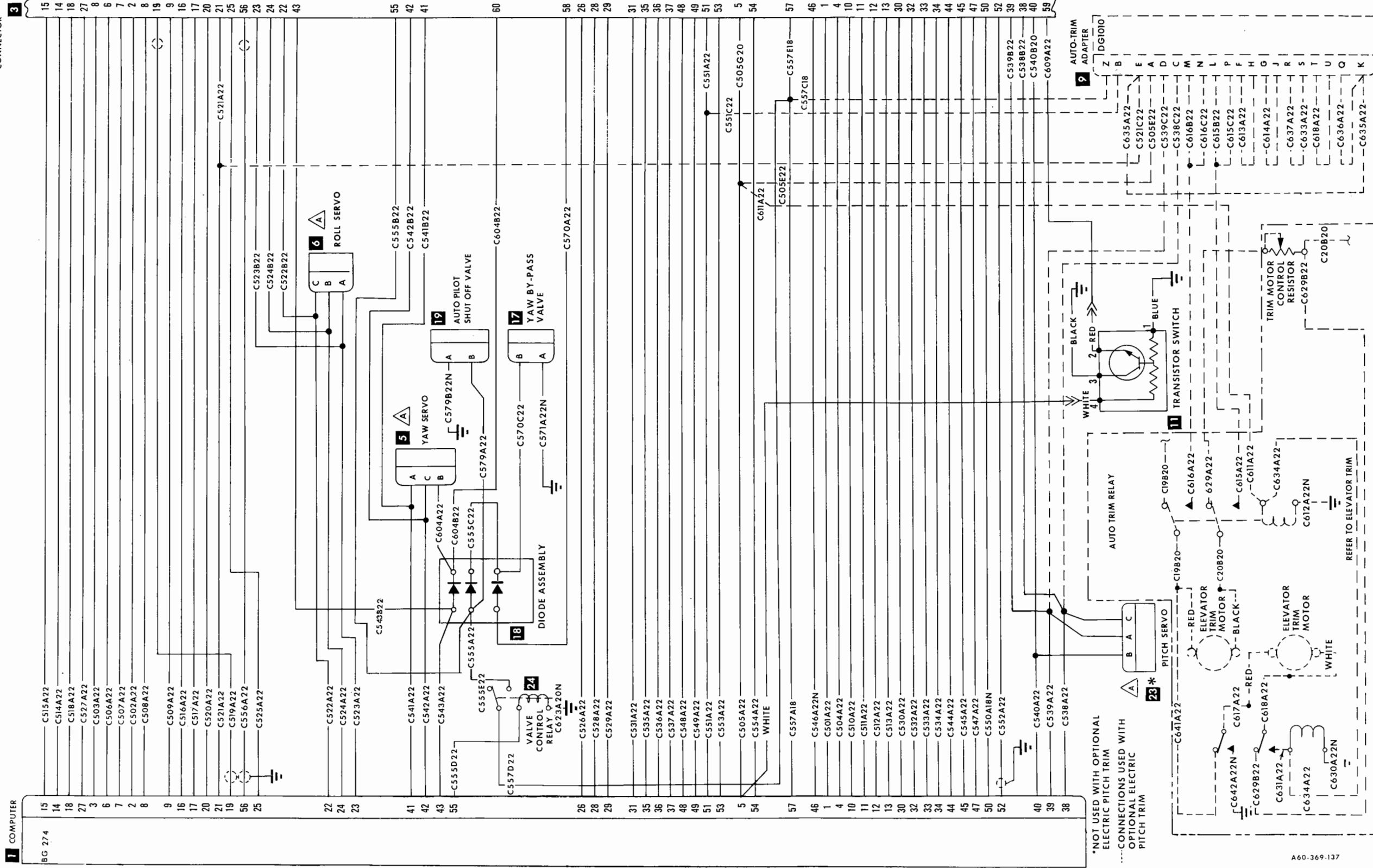
--- CONNECTIONS USED WITH
OPTIONAL ELECTRIC
PITCH TRIM

REFER TO ELEVATOR TRIM

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL

**BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL**

AFT PRESSURE
BULKHEAD
CONNECTOR



*NOT USED WITH OPTIONAL
ELECTRIC PITCH TRIM
---CONNECTIONS USED WITH
OPTIONAL ELECTRIC
PITCH TRIM

A60-369-137

H-14 Autopilot
P-160 thru P-187

BEECHCRAFT
DUKE 60 SERIES
WIRING DIAGRAM MANUAL