

SECTION 20

WIRING DIAGRAMS THRU 1975 MODELS

TABLE OF CONTENTS

Page

D. C. POWER

Battery Circuit	20-2
Battery Circuit	20-3
Starter and Ammeter	20-4
Ground Service Receptacle	20-5
Circuit Breaker Wiring	20-6
Bus Bar, Primary, Alternator and Electronic	20-7
Alternator System 60 Amp	20-8
Alternator System 60 Amp	20-9
Alternator System 60 Amp	20-10
Alternator System 60 Amp	20-11
Alternator System 60 Amp	20-12
Alternator System 60 Amp	20-13
Ammeter	20-14
Ammeter	20-15

IGNITION

Magneto System	20-16
Magneto System	20-17

ENGINE INSTRUMENTS

Fuel Gage and Transmitter	20-18
Fuel Gage and Transmitter	20-19
Carburetor Air Temperature Gage	20-20
Hourmeter	20-21

FLIGHT INSTRUMENTS

Turn and Bank	20-22
Optimum Flight Instrument	20-22A
Turn Coordinator	20-22B
Turn and Bank Indicator	20-23
Brittain Wing Leveler	20-24
Encoding Altimeter	20-24A

OTHER INSTRUMENTS

Clock	20-25
Clock	20-26

LIGHTING

Map and Auxiliary Instrument Lights	20-27
Map and Auxiliary Instrument Lights	20-28
Compass and Instrument Lights	20-29
Compass and Instrument Lights	20-31
Dome and Courtesy Lights	20-32
Dome and Courtesy Lights	20-33
Landing and Taxi Lights	20-34
Landing Light	20-35
Landing and Taxi Lights	20-36
Landing and Taxi Lights	20-36A
Wing and Tail Lights	20-37
Wing and Tail Lights	20-38
Flashing Beacon Light	20-39
Flashing Beacon Light	20-40
Flashing Beacon Light	20-41
Control Wheel Map Light	20-42
Control Wheel Map Light	20-43
Flashing Beacon	20-44
Strobe Light	20-45
Strobe Light	20-46

HEATING, VENTILATING AND DE-ICING

Cigar Lighter	20-47
Cigar Lighter	20-48
Pitot Heater	20-49
Pitot Heater	20-50

CONTROL SURFACES

Electric Wing Flaps and Flap Position Indicator	20-51
Electric Wing Flaps	20-52
Flap Position Indicator	20-53

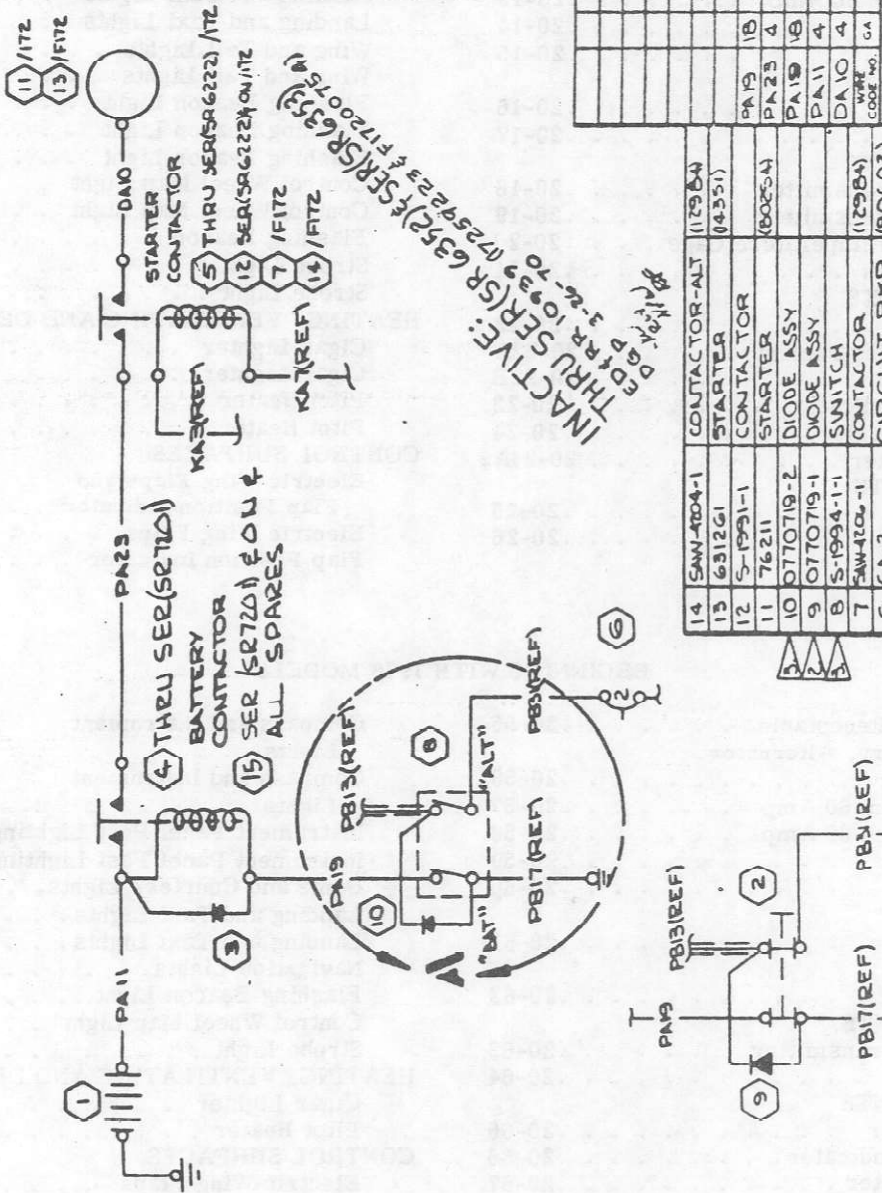
BEGINNING WITH 1976 MODELS

Ground Service Receptacle	20-55
Bus Bar, Primary, Alternator and Electronic	20-56
Alternator System 60 Amp	20-57
Alternator System 60 Amp	20-58
Ammeter	20-59
Battery Circuit	20-60
IGNITION	
Magneto System	20-61
FUEL AND OIL	
Oil Temperature	20-62
ENGINE INSTRUMENTS	
Fuel Gage and Transmitter	20-63
Hourmeter	20-64
FLIGHT INSTRUMENTS	
Turn Coordinator	20-65
Turn and Bank Indicator	20-66
Encoding Altimeter	20-67
OTHER INSTRUMENTS	
Clock	20-68
LIGHTING	
Map and Auxiliary Instrument	20-69

Compass and Instrument Lights	20-70
Compass and Instrument Lights	20-71
Instrument Panel Post Lighting	20-72
Instrument Panel Post Lighting	20-73
Dome and Courtesy Lights	20-74
Landing and Taxi Lights	20-75
Landing and Taxi Lights	20-76
Navigation Lights	20-77
Flashing Beacon Light	20-78
Control Wheel Map Light	20-79
Strobe Light	20-80
HEATING, VENTILATING AND DE-ICING	
Cigar Lighter	20-81
Pitot Heater	20-82
CONTROL SURFACES	
Electric Wing Flaps	20-83
Electric Wing Flaps	20-84
Flap Position Indicator	20-85

NOTES

1. APPLICABLE MODELS: 1721 & 1722
THRU SER (SR6042) & (SR6045)
2. SER (SR6042) & (SR6045) & ON



DETAIL
THRU SER (SR6042) & (SR6045) & ON

INACTIVE:
THRU SER (SR 6352) & (SR 6353)
ED 4 RR 10939 (7259223 & 7120075)
ED 4 RR 10939 (7259223 & 7120075)
ED 4 RR 10939 (7259223 & 7120075)

LET	REVISION	DESCRIPTION	DATE	APPD
A	BY REV: PA23 46A WAS PA20 26A & S-1367-6-13 WAS S-1367-7-13 ED 4 RR 01558		RLY 18-18-64	
B	BY REV: IN EQUIPMENT TABLE, "0511319-1 BATTERY ASSY" WAS "0712605 BATTERY" ED 4 RR 10012 (FR172E-0001) (172156813) II		RBI 8-5-64	
C	BY REV: SER OUT 0713026-5 & PA19; SER IN S-1994-1-1 & PA19; ADD DETAIL A & NOTES B & C; CA-2 WAS S-1707-6-06LEETE-PA2 (REF), NO 0710719-1 & 0710719-2 ED 4 RR 10488 (SR6042) III		DLB 4-4-64	
D	BY REV: ADD "F172" TO NOTE 1, 631264, 76211, S-1991-1-1 SER, SANW 4206-1 CONTACTOR WAS SANW 4206-1 STARTER; (SR6042) (SR6045) WAS (SR6050) IN NOTE 2 & 3 & DETAIL A; ADD SANW 4206-1 (SR6042) ED 4 RR 10476 (SR6045) IV		MDS 5-24-64	
E	BY REV: SER OUT S-1579-1 & ADD S-1579-2 (SR7201)		BDH 7-26-64	

WIRE TABLE	LG	MATERIAL	TERMINAL B	SERIAL B
PA19 1B	1B	PA19 1B	1B	1B
PA23 4	4	PA23 4	4	4
PA19 1B	1B	PA19 1B	1B	1B
PA11 4	4	PA11 4	4	4
DA10 4	4	DA10 4	4	4
CA	CA	CA	CA	CA

CONTRACT NO: _____

DESIGN: _____

GROUP: _____

DRAWN: _____

CHECK: _____

STRESS: _____

PROJECT: _____

APPRO: _____

DATE: _____

NAME: _____

WIRING DIAGRAM --
BATTERY CIRCUIT

CESSNA AIRCRAFT CO.
COMMERCIAL AIRCRAFT DIV.
8000 E FLYINGEE
MICHIGAN, KANSAS

SIZE: _____

CODE IDENT: _____

DWG NO: _____

C 71379 - 0500062

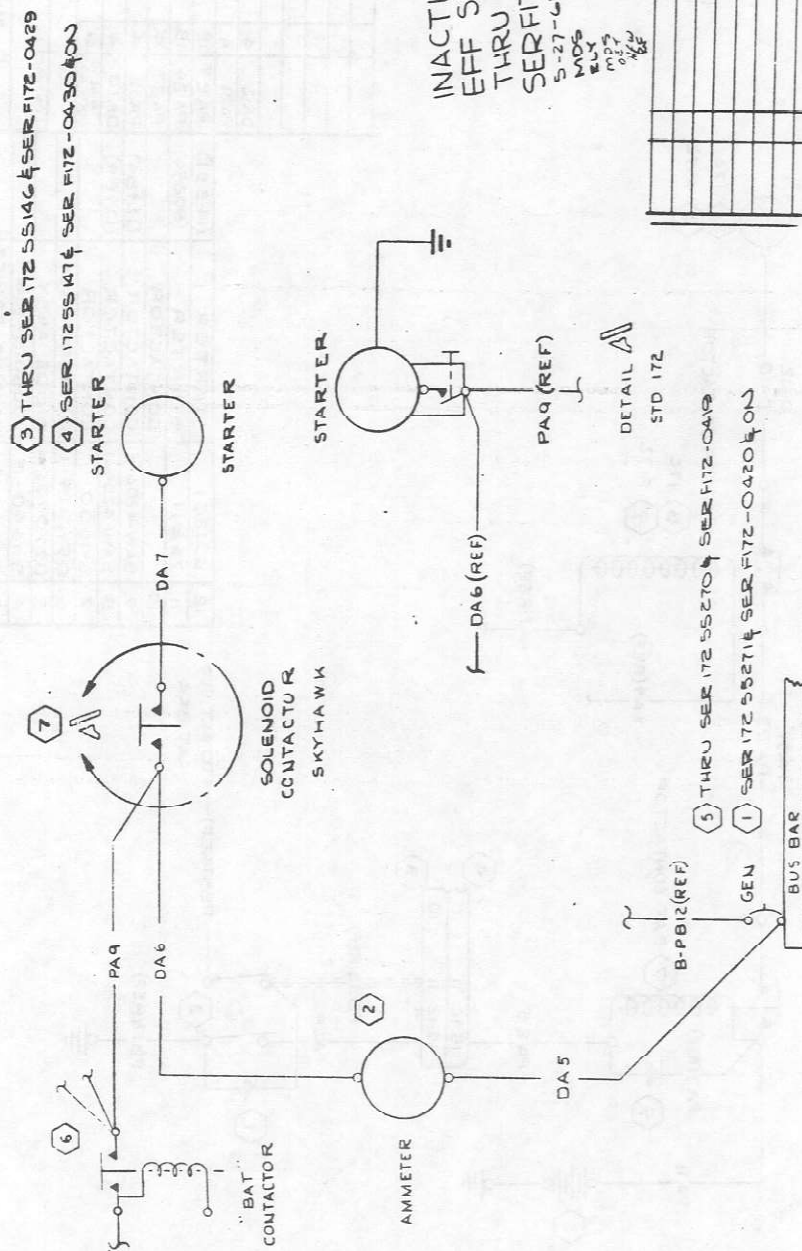
SCALE: NONE

PAGE: 4.1.3

ITEM NO	PART NO	DESCRIPTION	VENDOR
15	S-1579-2	CONTACTOR	

~~PAZO REPLACES PAO ON FILTER ONLY.~~

2. APPLICABLE MODELS; 172, F172



INACTIVE:
EFF SER17254893 & SER F172-0320
THRU SER1725161 &
SER F172H-0559

5-27-65

505

258

0.50

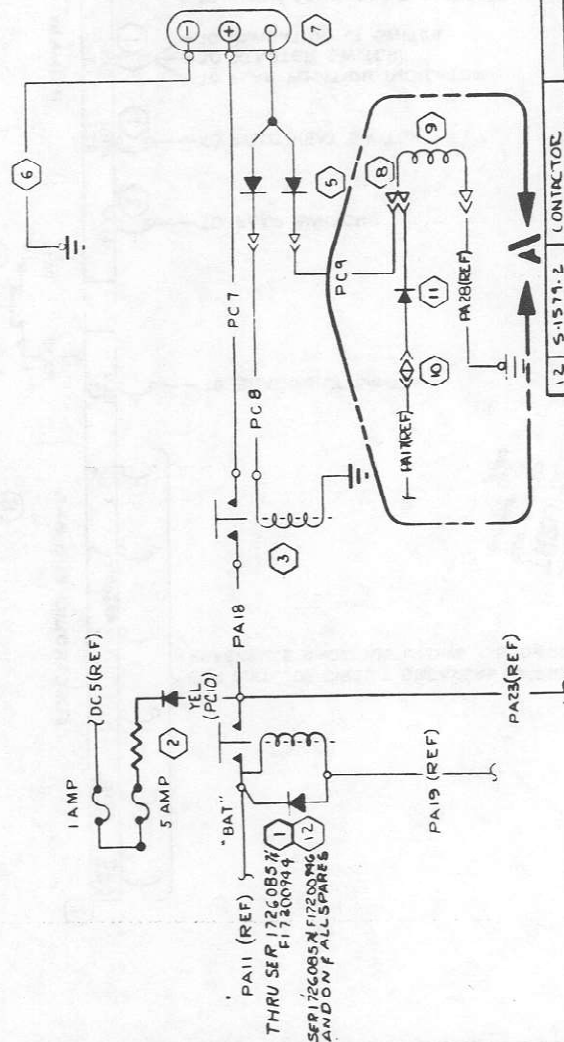
NO	PART NO	DESCRIPTION	INSTALLED ON
9			
8	S-1460-1	CONTACTOR-SOLENOID	
7	S-1579-1	CONTACTOR BAT	
6	S-1546-60	CIRCUIT BREAKER	
5	SAW 4206-1	STARTER(12984)	
4	1118823	STARTER(6758)	
3	S-1320-1	AMMETER	
2	S-1107-60	CIRCUIT BREAKER	
1			

[illegible]

WIRE CODE NO	MATERIAL	LG	TERMINALS
PA9 4			5 1367-4-13 5 1367-6-3
DA7 4			5 1367-6-13 5 1367-4-13
DA6 B		58	5 1367-4-10 5 1367-4-13
DA5 B		25	5 1367-4-10 5 1367-4-0

WIRE TABLE			
CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS			
NAME	DATE	TITLE	
DRAWN BY <i>W. H. L.</i>	4-11-56	WIRING DIAGRAM—	
CHECKED BY <i>W. H. L.</i>	4-10-56	STARTER &	
BY <i>W. H. L.</i>	4-10-56	AMMETER	
PROJ. <i>W. H. L.</i>	4-10-56		
SUPERSEDED BY		WORKBOOK	REV
P 415 A-46		0500062-4.3	D PAGE
			4.31

REV	DATE	BY	CHKD	APPRO	REVISION
A	11/22/74	WJG	WJG	WJG	1. REV: ADD PARTZ; PA12 (REF) WAS PA12 (REF); PA23 (REF) WAS PA23 (REF)
B	11/22/74	WJG	WJG	WJG	BY REV: ADD DETAIL A, ITEMS 8, 9, 10, 11, 12, 20; EDEL 1004A, SEE S-1573-2 (S-1572A)
C	11/22/74	WJG	WJG	WJG	BY REV: SEE OUT S-1573-1 & ADD S-1573-2 (S-1572A)
D	11/22/74	WJG	WJG	WJG	BY REV: ADD WIRE LONGTHS DELETE DC6 (REF) YE1 (PC10) WAS PC10
E	11/22/74	WJG	WJG	WJG	MER 150-B004A (SA 7403) IX



EQUIPMENT TABLE		PART NO.	DESCRIPTION	INSTALLED ON
12	5-1574-2	CONTRACTOR		
11	0710719-2	DIODE ASSY		
10	5-204-1	CONTRACTOR		
9	5-917-1	RELAY		
8	5-2023-1	CONNECTOR		
7	AN2552-3A	RECEPTACLE		
6	02155-10	GROUND STRAP		
5	1570043-3	DIODE ASSY		
4	1570043-1	DIODE ASSY		
3	5-1660-1	CONTACTOR		
2	0710203-3	FUSE DIODE ASSY		
1	5-1574-1	CONTRACTOR BAT.		

[illegible]

INACTIVE
 10-26588 (1720138*)
 10-2374 (1720138*)

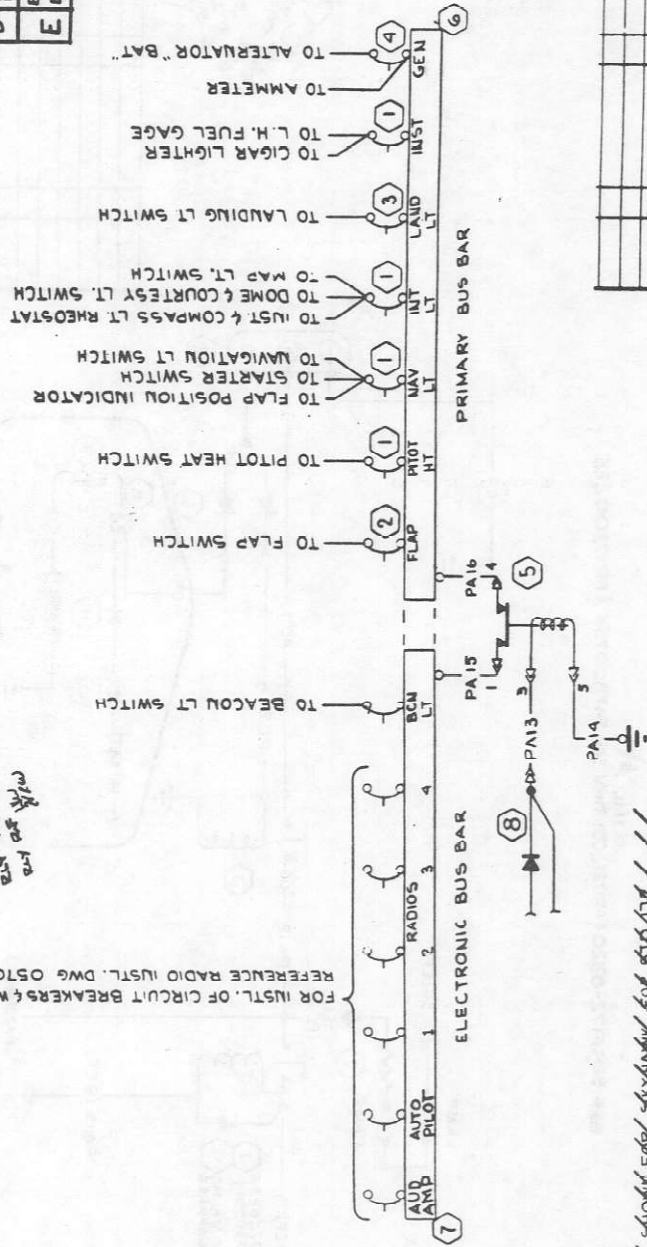
03-231-0905

REV	DATE	BY	CHK	REVISION
A	11-1-64	WJH	WJH	PA13 WAS PA11; PA11 WAS PA12; GEN WAS ALT; ADD PIN NOS. TO 5-1560-1; 157003-1 WAS 157004-1 (SEE 17259223) 60N
B	11-1-64	WJH	WJH	BY REV: ADD FRITZE TO MODEL BLOCK (SEE FRITZE -0001) 60N 8-8-64
C	11-1-64	WJH	WJH	BY REV: DELETE FRITZE FROM JWIN 2LL MODEL BLOCK & NOTE 1; AUD 8-4-64 20N 20N
D	11-1-64	WJH	WJH	(SEE FRITZE -0001) 60N BY REV: ADD 1721 TO MODEL BLOCK 10-2-64
E	11-1-64	WJH	WJH	BY REV: DELETE NOTE 1 ED 4-RR 10018 (SR5522) II 7-5-66

SER 1725A893 40N

INACTIVE:
EFF SER 1725A893
THRU SER 17259223
REV 4-3-70.
REV 11-1-64

FOR INSTL. OF CIRCUIT BREAKERS & WIRING
REFERENCE RADIO INSTL. DWG 0570400



NOTE: 1. WIRING SHOWN FOR SKYHAWK FOR 815 172. WIRING IS IDENTICAL EXCEPT FOR 891A BUS BAR.

PART NO.	DESCRIPTION	INSTALLED ON
0 1570043-1	DIODE ASSY	
1 0570036-2	BUS BAR	
2 0570036-1	BUS BAR	
3 5-1668-1	RELAY	
4 5-1596-60	CIRCUIT BREAKER	
5 5-1360-20	CIRCUIT BREAKER	
6 5-1360-15	CIRCUIT BREAKER	
7 5-1360-10	CIRCUIT BREAKER	

WIRE	CODE NO.	GA	MATERIAL	LC	TERMINALS	SERIALS
PA14	18				51493-1	5132118
PA13	18				51493-1	51493-1
PA16	14				51493-2	5136726
PA15	14				51493-2	5136726

WIRE TABLE

CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIVISION WICHITA, KANSAS

DATE: 11-1-64

BY: WJH

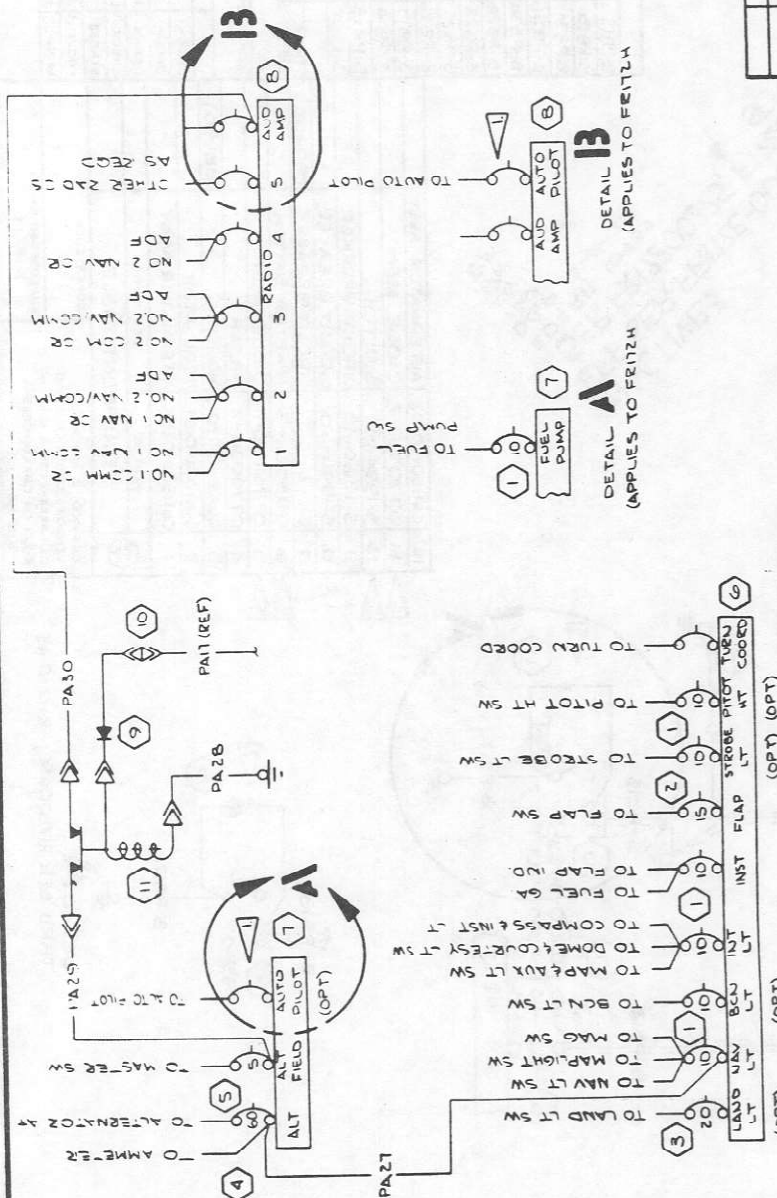
CHK: WJH

REV: 4.8

0500062

WIRING DIAGRAM—CIRCUIT BREAKER WIRING

CESSNA.



	REVISION		
LET	DESCRIPTION	DATE	APPRO
A	REV. 1 - CIRCULAR SOCKET, 1/8" DIA. (N.W.S.) 1/8" DIA. IN THE N.W.S. (N.A.) 1/8" DIA. IN THE N.W.S. (N.A.) 1/8" DIA. IN THE N.W.S. (N.A.)	J.C. 7-19-70 J.C.	J.C. J.C. J.C.
B	BY REV.: S-1367-3-W WAS S-1367-2-W PER PA29 & PA30; S-1367-1-W WAS S-1367-2-W PER PA28 ADD WIRE LENGTH (NOW SHOP PRACTICE)	J-O 3-16-73	BY J.H. R.F.
C	BY REV.: S-1367-3-B WAS S-1367-3-G PER PA29 & PA30; S-1367-4-B WAS S-1367-4-G PER PA27 (NOW SHOP PRACTICE)	RAM 9-21-73	XV J.H. R.F.
D	BY REV.: S-1403-3 WAS 1403-2 PER PA29 & PA30 (NOW SHOP PRACTICE)	TDN 10-8-73	J.H. R.F.

INACTIVE

WIRE CODE NO	GA	MATERIAL	LG	TERMINALS	SERIALS
PA30	12		45	S-1493-3	S-1367-3 B
PA29	12		42	S-1493-3	S-1367-3-B
PA28	18		35	S-1493-1	S-1367-1-C
PA27	8		3	S-1367-4-B	S-1367-4-10

CONTRACT NO.		WIRE TABLE	
DESIGN	NAME	DATE	
GROUP	<i>Mac</i>	<i>4-9-70</i>	COMMERCIAL AIRCRAFT DIV. 5800 E. PAVANEE WICHITA, KANSAS
DRAWN	<i>2 YOUNGERS</i>	<i>4-1-70</i>	
CHECK	<i>10/1/70</i>	<i>11-1-70</i>	
STRESS			
PROJ	<i>CPA</i>	<i>4-10-70</i>	
APID			
OTHER			

Cessna. AIRCRAFT CO.

TITLE

WIRING DIAGRAM —

BUS BAR, PRIMARY, ALTERNATOR &

ELECTRONIC

SIZE

CODE IDENT

NO

DWG NO

C 71379

0500062

SCALE

NONE

PAGE

4 OF 1

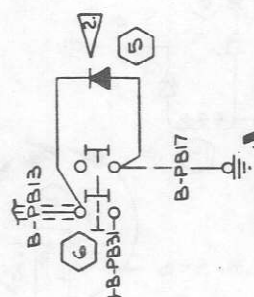
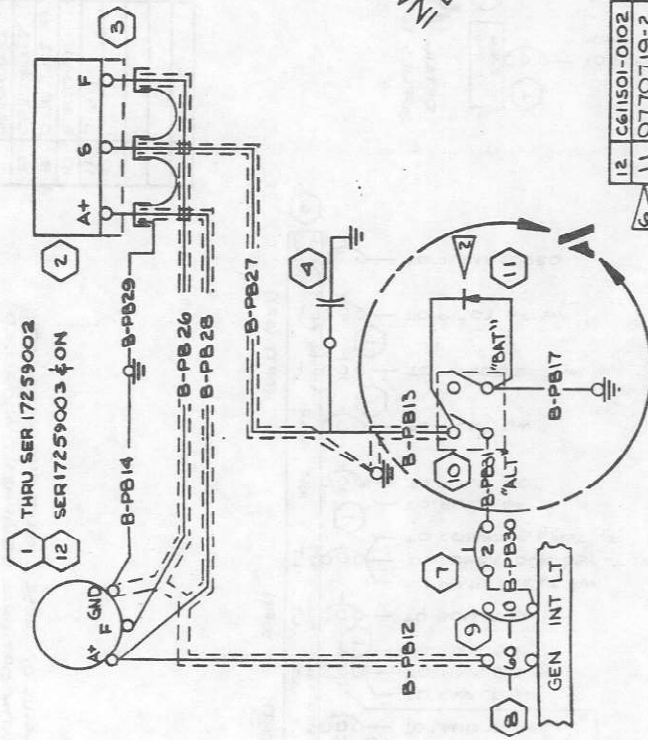
11	S-1917-1	RELAY
10	S-2004-1	CONNECTOR
9	0710119-2	DIODE ASSY
8	0510419-3	BUS BAR
	0510419-2	BUS BAR

6	0510419-1	BUS BAR
5	5-1360-5	CIRCUIT BREAKER
4	5-1596-60	CIRCUIT BREAKER
3	5-1360-20	CIRCUIT BREAKER
2	5-1360-15	CIRCUIT BREAKER
1	5-1360-10	CIRCUIT BREAKER
PART NO.		DESCRIPTION
EQUIPMENT TABLE		
CES-10000 IS APPLICABLE VENDOR CODES PER 51400 CESXXXX-CESSNA SPEC NO 5-XXX OR GM1XXX-CESSNA STD. NO.		
SUPERSEDES		PAGE
SUPERSEDED BY		PAGE

NOTES :
1. VALUE OF THESE CIRCUIT BREAKERS VARY
ACCORDING TO THE EQUIPMENT INSTALLED

6. SER F17200655 1 FR 172-0146 5 ON

4. APPLICABLE MODELS; FR17ZE, T41-C, & F172



DETAIL A
THRU SER F17200654, F172-0145

LET	REVISION	DESCRIPTION	DATE	APPRO
A		BY REV: ADD S-1360-10 & GEN TO BUS BAR; REREOUT B-PB30 WIRE FROM S-1596-GO TO S-1360-10; DELETE OPT FROM TITLE FRITZE-0001, R172E-0257	CG 1-6-57	RLC jsm PWB PWB
B		BY REV: DELETED S-1367-4-12 FROM WIRE B-PB12 & ADD S-1343-1. ADD 172 TO NOTE 4. (SR 6043)	BPC 11/15/58	JUN N/W N/W TH
C		BY REV: SER OUT 0713026-5B-PB13, B-PB17 & B-PB31; SER IN S-1596-1-1, B-PB13, B-PB17 & B-PB31; ADD DETAIL A & NOTE 3 & 4; DELETE B-PB14 ADD 0770719-2 ED & RR 10488 (SR 6045) (SR 6050) II	DLB 4-4-60	JUN 1959 N/W N/W TH 904
D		BY REV: DELETE (SR 6042) FROM NOTES 546 & DETAIL A; ADD FITZ TO NOTE 4. (SR 6045) (SR 6050) II	WDS 5-27-60	ELY MOS DET N/W RF
E		BY REV: SER OUT CG11501-0101 (REF) & SER IN CG11501-0102 (REF) ED & RR 10600 (SR 6292)	RAINES 10/24/60	JUN 1960 N/W N/W TH 144 RF

WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS
3-PB17	18			S-1367-1-B	5
3-PB13	18S			S-1367-1-B	5
3-PB31	18			S-1367-1-B	5
3-PB31	18			S-1367-1-B	5
3-PB30	18			S-1367-1-B	5
3-PB29	16			S-1367-1-B	5
3-PB28	18S			S-1367-1-B	5
3-PB27	18S			S-1367-1-B	5
3-PB26	18S			S-1367-1-B	5
3-PB17	18			S-1367-1-B	5
3-PB14	18			S-1367-1-B	5
3-PB13	18S			S-1367-1-B	5
3-PB12	18S			S-1367-1-B	5

CONTRACT NO:		WIRE TABLE	
DESIGN	NAME	DATE	 Cossma AIRCRAFT CO. COMMERCIAL AIRCRAFT DIV. 5000 E. PANNONE WICHITA, KANSAS
GROUP	<i>2 New</i>	<i>8-21-67</i>	
DRAWN	<i>HABEL'S</i>	<i>8-13-67</i>	
CHECK	<i>LAURIE</i>	<i>9-15-67</i>	
DRESS	<i>411-8</i>	<i>9-21-67</i>	
PROJECT	<i>561600A</i>	<i>8-21-67</i>	
PPD	<i>26 Nov 68</i>		

12	C611501-0102	ALTERNATOR ASSY	
11	0770719-2	DIODE ASSY	
10	S-1994-1-1	SWITCH	
9	S-1360-0-10	CIRCUIT BREAKER	
8	S-1596-6-0	CIRCUIT BREAKER	
7	CA-2	CIRCUIT BREAKER	(B04602)
6	0713026-5	MASTER SWITCH	
5	0770719-1	DIODE ASSY	
4	0770038-2	FILTER	
3	C6A8-10K70A	HOUSING	(98490)
2	C611001-0101	REGULATOR	
1	C611501-0201	ALTERNATOR ASSY	
141 NO		PART NO.	
		DESCRIPTION	
		EQUIPMENT TABLE	
CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX+CESSNA SPEC. NO. B-XXX OR CMAXXX+CESSNA STD. NO.			SUPERSEDED: SUPERSEDED BY: P 4-1-1

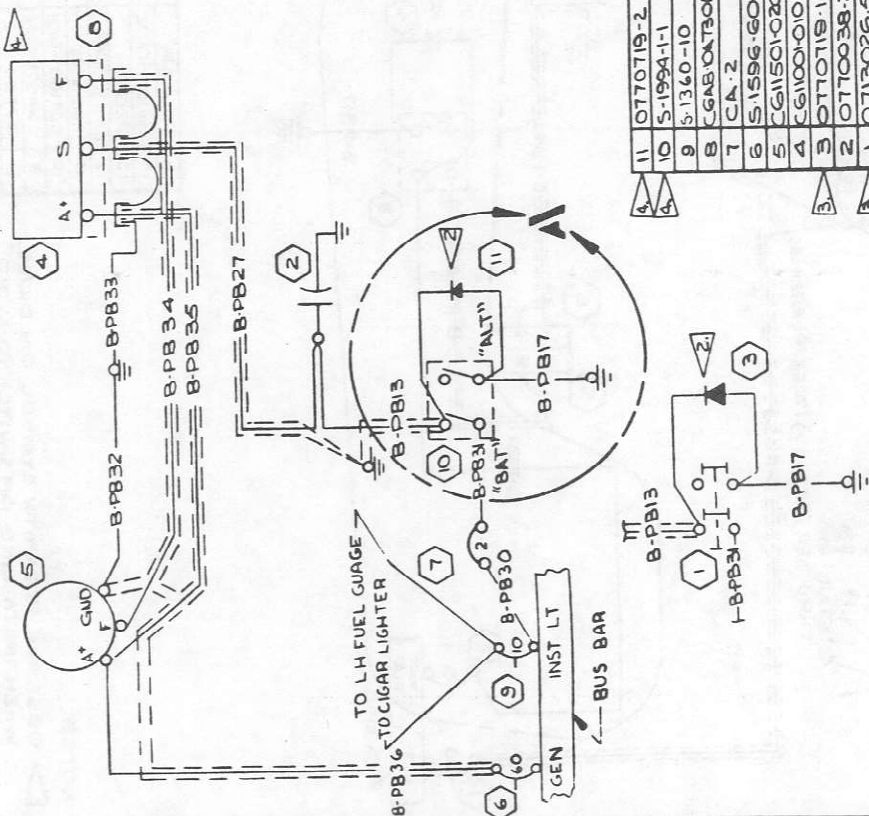
B-PB17	1B
B-PB15	1B5
B-PB31	1B
B-PB31	1B
B-PB30	1B
B-PB30	1B
B-PB30	1B
B-PB30	1B

AMP TERM 4281-2 ON CONDUCTOR
AMP TERM 2-323931-2 ON SHIELD
GROUND WIRE

OBSERVE POLARITY SYMBOL ON
DIODE ASSY WHEN INSTL ON SW
TERM OR DIODE WILL FAIL WHEN
SYSTEM IS ENERGIZED.

THRU SER 17258486

SER 17258487 £ ON



DETAIL A
THRU SER 17258486

LET	REVISION	DESCRIPTION	DATE	APPRO
A		BY REV: GEN WAS INT LT; ADD S-1360-10. ED: RR02375 172-56513 D	LES	WEL WBS 10/10/68 Duk
B		BY REV: SER OUT 0713026 SRPB3 B-PBIT & B-PB31; SER IN S-1394-11, B-PB3 B-PBIT & B-PB31; ADD DETAIL A, NOTES 3 & 4, CT70719-2 ED: RR 10488 (SR6042) 13	DLB 4-4-69	WHL 11/10/68 904
C		BY REV: IN NOTES 3 & 4 IN DETAIL A SER(SR6042) WAS SER(SR6050). (SR6042) 12	MDS 5-21-69	WEL 11/11/68 RF

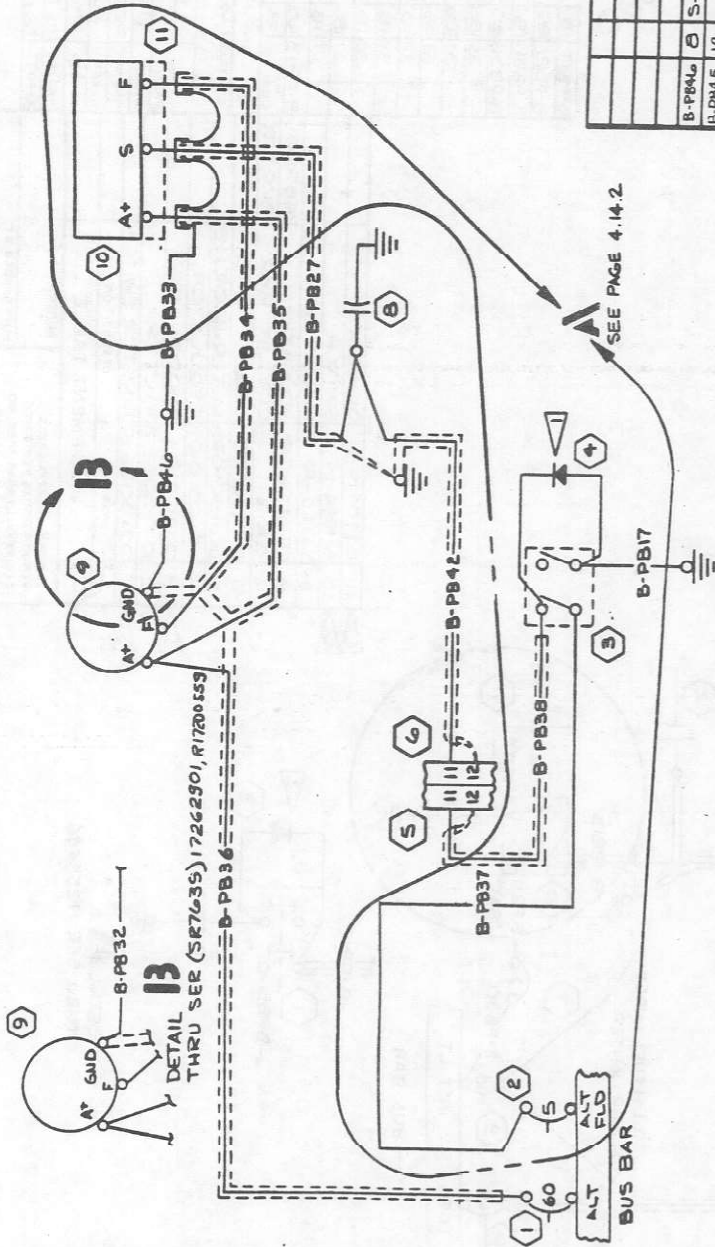
SER 72IS65I3 THU SER 17259225
SER F172-0432 THRU SER F172-0443^(C)
DO SER F172-0447 THRU SER F17200754
PREF R 5-26-70 10939
MILITARY

WIRE	MATERIAL	LG	TERMINALS	SERIALS
B-PB7 18			S-136718	S-149311
B-PB3 10S			S-136718	S-149311
B-PB3 18			S-136718	S-149311
B-PB36BS	S-1534-0-9		S-136718	S-1367140
351BS			S-136718	S-136718
341BS			S-136718	S-136718
331G			S-136718	S-136718
3210			S-136718	S-136718
311B			S-136718	S-136718
301B			S-136718	S-136718
271BS			S-136718	S-136718
171B			S-136718	S-136718
B-PB310S			S-136718	S-136718

11	0770719-2	DIODE ASSY	
10	5-1994-1-1	SWITCH	
9	5-1360-10	CIRCUIT BKR	
8	CGAB10N7304	HOUSING	(B066901)
7	CA-2	CIRCUIT BKR	(B06602)
6	51596-60	CIRCUIT BKR	
5	CG11501-0201	ALTERNATOR ASSY	
4	CG1001-0101	REGULATOR	
3	0770719-1	DIODE ASSY	
2	0770038-2	FILTER	
1	0713026-5	MASTER SWITCH	

	PART NO.	DESCRIPTION
	EQUIPMENT TABLE	
CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-XXXX-CESSNA SPEC. NO. S-XXX OR CHIRIX-CESSNA 630, 640		
SUPERSEDES: SUPERSEDED BY: P 4-14		

WIRE TABLE		Cessna AIRCRAFT CO.		TITLE		WIRING DIAGRAM - ALTERNATOR SYSTEM 60 AMP		SIZE		DWG NO		PAGE 4 14	
CONTRACT NO:		NAME		DATE		C		71379		0500062		SCALE NONE 172I	
DESIGN		GROUP		DRAWN		CHECK		STRESS		PROJECT		APPRO	
Y. H. H. 9 5 6 6		R. C. H. 9 5 6 6		L. A. R. 9 5 6 6		L. A. R. 9 5 6 6		L. A. R. 9 5 6 6		L. A. R. 9 5 6 6		L. A. R. 9 5 6 6	



INACTIVE
 EFF. 1/1/68
 10-25-74
 P. 14.1
 03-25-0903

LET	DESCRIPTION	DATE	APPRO
A	BY REV: DELETE F17K MODEL 8809 ED 4/2/10/17	8-11-70	WJL
B	BY REV: ADDED DETAIL A; S-2135-1 LIGHT ASSY; C593001-0101 OVER- VOLTAGE SENSOR 1WIRES B-PB43, B-PB44 & B-PB45; S-1943-2 TERM WAS S-1967-4-12 (SR 6782) IX	6-1-71 WDA	K/W L/W or M
C	BY REV: ADD WIRE LENGTH (NOW SHOP PRACTICE)	3-0 4-9-73	WJL RF
D	BY REV: SER OUT C61001-0101, SER IN C61001-0102; ADD DETAIL "B", PB46 & SER; SER OUT PB32 (SR 7624) (SR 6339)	7-31-73	WJL RF
E	BY REV: ADD TVA-1315 CAPACITOR, (NOW SHOP PRACTICE)	10-19-73	WJL RF

CONTRACT NO.	NAME	DATE
	W. H. H. H.	4-2-70
DESIGN	GROUP	DRAWN
		D. G. PLAIN
CHECK	GROUP	DRAWN
		K. WHITE
STRESS	GROUP	DRAWN
		G. H. H.
PROJ	GROUP	DRAWN
		R. H. H.
APPRO	GROUP	DRAWN
		R. H. H.
OTHER	GROUP	DRAWN
		R. H. H.

CODE NO.	MATERIAL	TERMINALS	SERIALS
B-PB46	S-1562-8-9	55 S-1562-8-9	55 S-1562-8-9
B-PB45	18	60 S-1635-2	60 S-1635-2
B-PB44	18	28 S-1370-1	28 S-1370-1
B-PB43	18	13 S-1370-1	13 S-1370-1
B-PB42	18S	5 S-1370-1	5 S-1370-1
B-PB39	18S	5 S-1370-1	5 S-1370-1
B-PB37	18	5 S-1370-1	5 S-1370-1
B-PB33	16	10 S-1370-1	10 S-1370-1
B-PB35	18S	55 S-1370-1	55 S-1370-1
B-PB27	18S	12 S-1370-1	12 S-1370-1
B-PB34	18S	12 S-1370-1	12 S-1370-1
B-PB17	18	13 S-1370-1	13 S-1370-1
B-PB32	10	55 S-1370-1	55 S-1370-1
B-PB36	8S	78 S-1370-1	78 S-1370-1
	GA	5 S-1370-1	5 S-1370-1

- NOTES:
1. OBSERVE POLARITY SYMBOL ON DIODE WHEN INSTALLING ON SWITCH TO AVOID DIODE FAILURE
 2. AMP TERM 42261-2 ON CONDUCTOR, AMP TERM 2-323931-2 ON SHIELD & GND WIRE
 3. APPLICABLE MODEL: 172L

FORM NO. 80-318

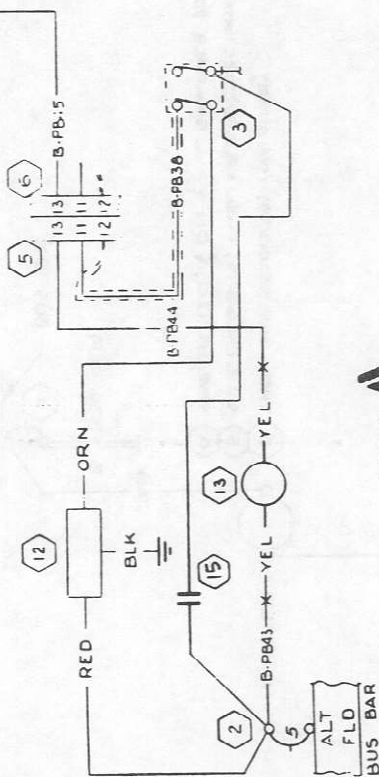
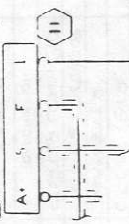
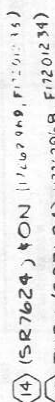
ED 4/2/10/17

WIRING DIAGRAM —
 ALTERNATOR SYSTEM, 60 AMP

SIZE CODE IDENT DWG NO
 C 71379 0500062

SCALE NONE

PAGE 4-14-1



DETAIL A
(SR 6782 CON)
17259909 CON

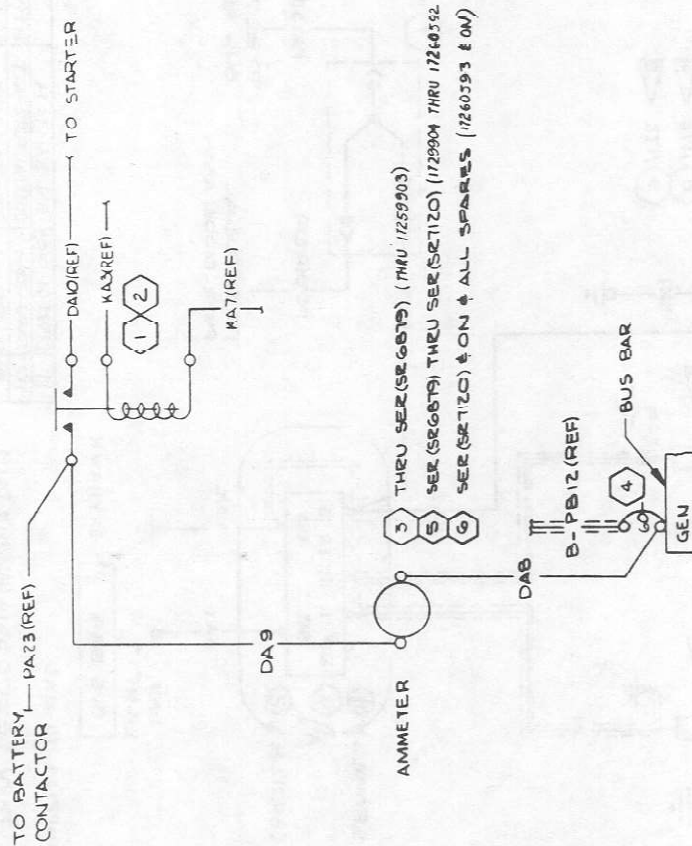
LET	DESCRIPTION	DATE	APPO
E	SEE PG 4.14.1 FOR REV.		

[illegible]

CODE NO.	QUANTITY	MATERIAL	WIRE TABLE	
CONTRACT NO.		 Cessna. AIRCRAFT CO.		
		COMMERCIAL AIRCRAFT DIV. 3800 E PANKEE WICHITA KANSAS		
TITLE		WIRING DIAGRAM — ALTERNATOR SYSTEM, 60 AMP		
DESIGN	NAME	DATE	SIZE	CODE IDENT NO
GROUP	<i>K. White</i>	<i>2-27-71</i>		
DRAWN	<i>ACKERSON</i>	<i>4-23-71</i>		
CHECK	<i>K. WHITE</i>	<i>5-27-71</i>		
STRESS		DWG NO		
PROJ	<i>STANLEY</i>	C 71379		
APPRO		SCALE NONE		
OTHER		PAGE 4, 14, 2		

	PART NO	DESCRIPTION
	EQUIPMENT TABLE	
SUPERSEDES		
CES 1000 IS APPLICABLE VENDOR CODES PER S1400 CESXXXXXXCESNA SPEC NO SXXX OR CMXXXXCESNA STD NO		
SUPERSEDED BY S 4.4.1 C570101 P 4.4.0		

LET	DESCRIPTION	DATE	APPO
A	BY REV: SER OUT S-1320-1, SER IN S-1320-3; SER OUT S-1320-3, SER IN S-1320-5 (SRG6819) (SRT120)	ELY 2-28-72	LKW NFW RF
B	BY REV: 39 LG WAS 29 & S-1367-4-10 WAS S-1367-4-6 PER DAB, 66 LG WAS 59 PER DAB NON SHOP PRACTICE	SLO 3-16-73	NFW RF



INACTIVE!
EFF THRU SER (SR1909) (172594) (1726052)
10-29-74
NFW RF

WIRE	CODE NO	G	MATERIAL	LG	TERMINALS	SERIALS
DA9	B			66	S-1367-4-10 S-1367-4-14	
DA8	B			39	S-1367-4-10 S-1367-4-10	

CONTRACT NO		NAME		DATE	
S-1320-5		AMMETER			
S-1320-3		AMMETER			
S-1701-60		CIRCUIT BREAKER			
S-1320-1		AMMETER			
S-1701-60		STARTER CONTACTOR-ALT			
S-1701-60		STARTER CONTACTOR			
PART NO		DESCRIPTION			
S-1320-5		AMMETER			
S-1320-3		AMMETER			
S-1701-60		CIRCUIT BREAKER			
S-1320-1		AMMETER			
S-1701-60		STARTER CONTACTOR-ALT			
S-1701-60		STARTER CONTACTOR			
EQUIPMENT TABLE		SUPERSEDES			
CES-1000 S APPLICABLE		CES-1000 S APPLICABLE			
VENDOR CODES PER S-1400		VENDOR CODES PER S-1400			
CES-XXXX-CESNA SPEC NO		CES-XXXX-CESNA SPEC NO			
S-XXX OR CMXXX-CESNA		S-XXX OR CMXXX-CESNA			
STD NO		STD NO			
P 4.5.0		P 4.5.0			
SUPERSEDED BY		SUPERSEDED BY			
0510101		0510101			
P 4.5.0		P 4.5.0			
APPRO		APPRO			
C 71379		C 71379			
SCALE		SCALE			
NONE		NONE			
F172		F172			
PAGE		PAGE			
4.16		4.16			

COMMERCIAL AIRCRAFT DIV
5800 E. PAWNEE
WICHITA, KANSAS

WIRING DIAGRAM -
AMMETER

DWG NO
0500062

CODE IDENT
C 71379

SIZE
6-7-69

PROJ
P 4.5.0

APPRO
C 71379

CHECK
RYOUNGEE

STRESS
101115

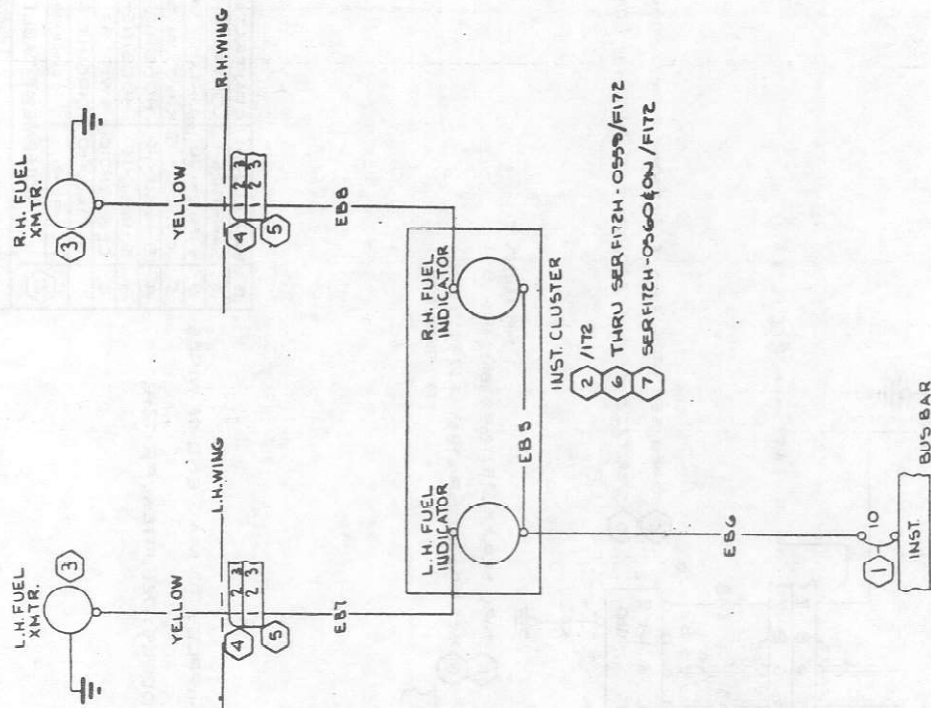
DATE
6-7-69

OTHER
P 4.5.0

REV	DATE	BY	CHK
1	11-17-65	MDS	WJS
2	12-14-65	WJS	WJS
3	12-14-65	WJS	WJS
4	12-14-65	WJS	WJS
5	12-14-65	WJS	WJS
6	12-14-65	WJS	WJS
7	12-14-65	WJS	WJS
8	12-14-65	WJS	WJS
9	12-14-65	WJS	WJS
10	12-14-65	WJS	WJS

REVISION
 A 1. BY REV: 669507-001 WAS
 669504-002 ADD FITZ,
 0513144-18 & SER, 669507-
 0102 & SER.

NOTES:
 1. WIRE MATERIAL PER 5-1460



INACTIVE:
 THRU SER 17254893 & SER 172-0320
 THRU SER 17259223 & SER 172-00754
 THRU SER 17259223 & SER 172-00754
 THRU SER 17259223 & SER 172-00754

PART NO	DESCRIPTION	INSTALLED ON
6	0513144-18 PANEL ASSY	
5	5-1641-6 HOUSING-SOCKET	
4	5-1640-6 HOUSING-PIN	
3	9523551-1 XMTR-FUEL GAGE	
2	669507-0101 INST CLUSTER	
1	51360-10 CIRCUIT BREAKER	

WIRE	GA	MATERIAL	LG	TERMINALS	SERIALS
YELLOW	18	-18-4	5-16352	5-1367-110	
YELLOW	18	-18-4	5-16352	5-1367-110	
EB 6	18		5-1367-110	5-1636-2	
EB 7	18		5-1367-110	5-1636-2	
EB 6	18		5-1367-110	5-1636-2	
EB 5	18		5-1367-110	5-1636-2	
EB 5	18		5-1367-110	5-1636-2	

NAME	DATE	TITLE
BLISS	11-3-65	WIRING DIAGRAM— FUEL GAGE & TRANSMITTER
GROUP	11-3-65	
CHECK	12-17-65	
PROJ	12-17-65	

CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS

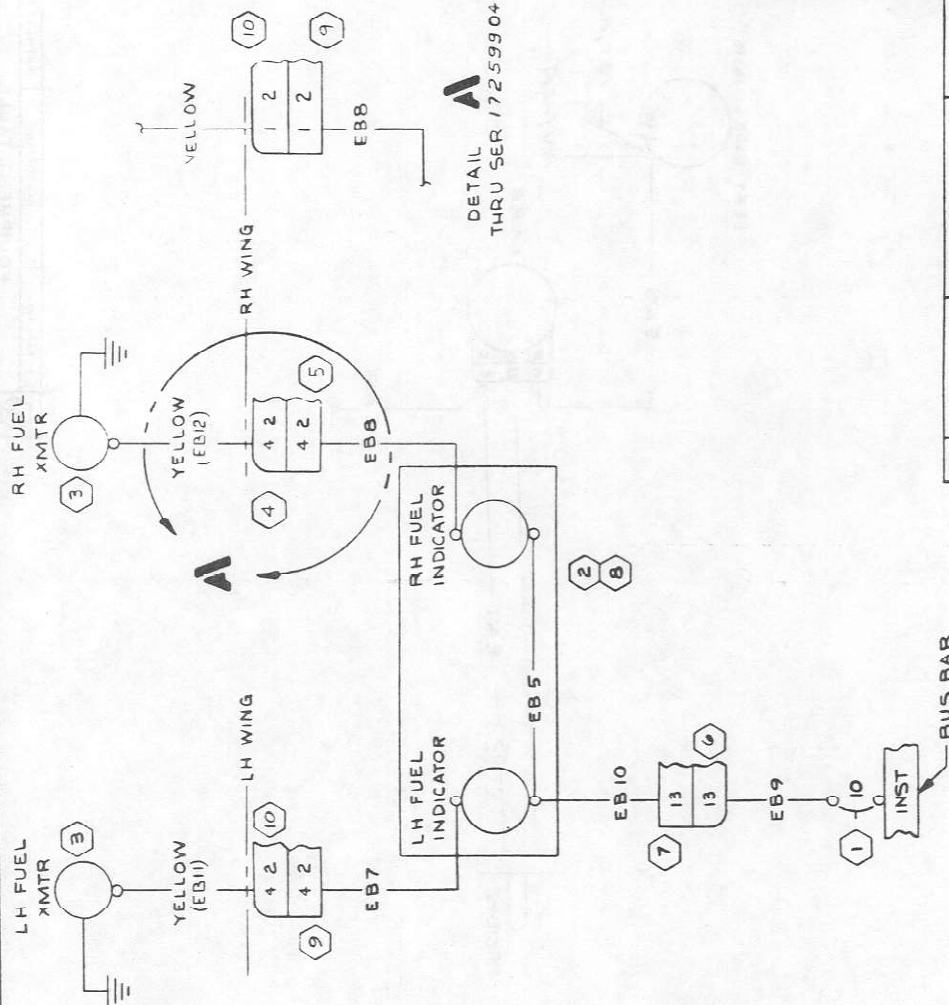
WIRING DIAGRAM—
FUEL GAGE &
TRANSMITTER

0500062

REV A

PAGE 8.1.1

LET	REVISION	DATE	APPRO
A	BY REV: ADD DETAIL A: ADD S-1638-1 & S-1638-2. (S-1638-4)	WPC 2-3-71	1/11/71 WPC
B	BY REV: ADD WIRE LENGTHS (NOW SHOP PRACTICE)	WPC 4-9-73	4-9-73 WPC
C	BY REV: YEL (EB11) WAS YEL, YEL (EB12) WAS YEL, S-1641-1 WAS S-1638-2/ YEL (EB11) YEL (EB12) EB13; S-1638-1 WAS S-1638-2/ EB10 EB8 & EB7; S-1640-9 WAS S-1640-6; S-1641-9 WAS S-1641-6; S-1640-6 WAS S-1640-9; S-1641-6 WAS S-1641-9, DETAIL A. (172 E0007) (NOW SHOP PRACTICE)	WPC 2-8-74	2-8-74 WPC
D	BY REV: S-1641-6 & S-1640-9 NAS S-1641-6 & S-1640-9 INACT DWG (NOW SHOP PRACTICE) (172 E0007)	RAM 10-19-74	10-19-74 RAM



NOTES:

1. APPLICABLE MODEL: 172, F172

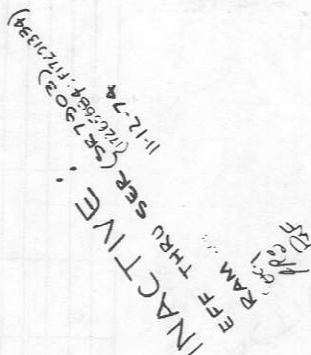
WIRE	GA	MATERIAL	LG	TERMINALS	SERIALS
YEL (EB12)	18	-18-4	38	S-1635-1 S-1367-1-10	
YEL (EB11)	18	-18-4	38	S-1635-1 S-1367-1-10	
EB10	18			S-1367-1-10 S-1636-1	
EB9	18			S-1367-1-10 S-1635-1	
EB8	18			S-1367-1-10 S-1636-1	
EB7	18			S-1367-1-10 S-1636-1	
EB5	18			S-1367-1-10 S-1636-1	
WIRE CODE NO.	GA	MATERIAL	LG	TERMINALS	SERIALS

WIRE TABLE

CONTRACT NO.	NAME	DATE	TITLE
	C. W. Wain	4-7-70	WIRING DIAGRAM - FUEL GAUGE & TRANSMITTER
DESIGN	GROUP	DRAWN	CHECK
172	D.G. PLAIN	3-26-70	1-1-70
STRESS	PROJECT	APPRO	SCALE
	172	172	NONE
CODE IDENT	DWG NO.	SIZE	SCALE
C 71379	0500062	C	NONE
			PAGE 8.1.3

EQUIPMENT TABLE	SUPERSEDES:
IS APPLICABLE	P 8.1.1
VENDOR CODES PER S-1600	
CES-XXX: CESSNA SPEC. NO.	
S-XXX OR CMAA/CESNA	
STD. NO.	

3. APPLICABLE MODELS: 172

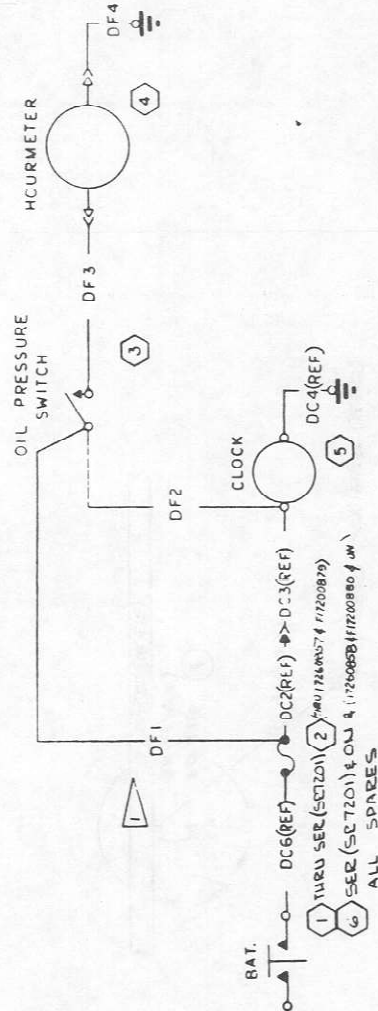


WIRE CODE NO	GA	MATERIAL	LG	TERMINALS	N/A	SERIALS
ENR 1B				5136118		
EN 11B				NOTE 2		
EN 11B				NOTE 2		
EN 11B				5136118		

Cessna Aircraft Co., Commercial Aircraft Division, Wichita, Kansas		TITLE		DRAWING NO.		DATE	
WIRING DIAGRAM —		413/53		413/53		4/13/53	
CARBURETOR		413/52		413/52		4/13/53	
AIR TEMPER-		413/51		413/51		4/13/53	
ATURE GAUGE		413/50		413/50		4/13/53	
Cessna.		Cessna No.		0500062		REV. 9	
SUPERSEDED BY		MODEL		NOTED		PAGE 8/2	

ITEM NO.	PART NO.	DESCRIPTION	INSTALLED ON
EQUIPMENT TABLE			

DATE UP	REVISION	BY	CHK
A	BY REV: SER OUT 51541 E ADD 51575-2 (58720)	DAI 6.16.12	APPO 7/10 RF
B	BY REV: 51307-1-B, A & S 51367-1-W PER DR2 & OF3, S-51307-1-B WAS 51307-1-S PER DF4, ADD WIRE LENGTHS (NON SHOP PRACTICE)	JO 4/10	APPO 4-5-78 RF



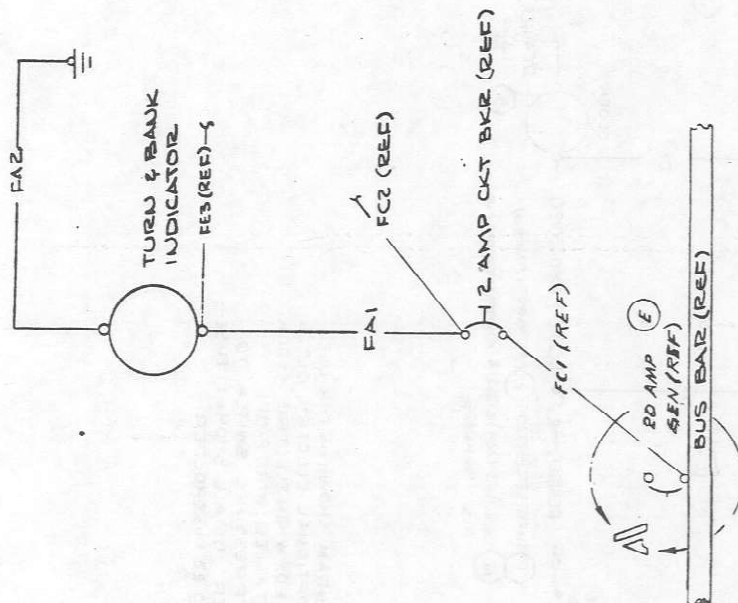
NOTE: 1  WIRING DIAGRAM SHOWN IS FOR USE WHEN AN OPTIONAL ELECTRIC CLOCK IS INSTALLED. WHEN ELECTRIC CLOCK IS NOT INSTALLED WIRE B-DF1 CONNECTS PRESSURE SWITCH TO FUSEHOLDER 1 INSTALL 5-10491-1 FUSE AND 5-10490-22 FUSEHOLDER

CODE NO	GA	MATERIAL	LG	TERMINALS
DF4	1B		B	S-1493-1 S-13671-4
DF3	1E		54	S-1493-1 S-13671-5
DF2	1E		52	S-13671-6 S-13671-8
DF1	1E			S-13671-6 SOLDER

EQUIPMENT TABLE		PART NO	DESCRIPTION	INBILLED ON
6	S-1519-2	CONTRACTOR		
5	S-1317N1	CLOCK		
4	6645010-101	ROOM METER		
3	S-1711-1	OIL PRESSURE SW		
2	S-1031-1	FUSE		
1	S-1519-1	RAT CONTRACTOR		

[illegible]

1. FA1 & FA2 ARE IDENTICAL. TO &
SUPERSEDE OS(11X) FA1 & FA6
RESPECTIVELY



83145216
 11-12-74 (172557)
 SR 5471
 INACTIVE
 F F THRU SEP
 11-12-74 (172557)
 SR 5471

FCI (REF)

(E) DISTAL

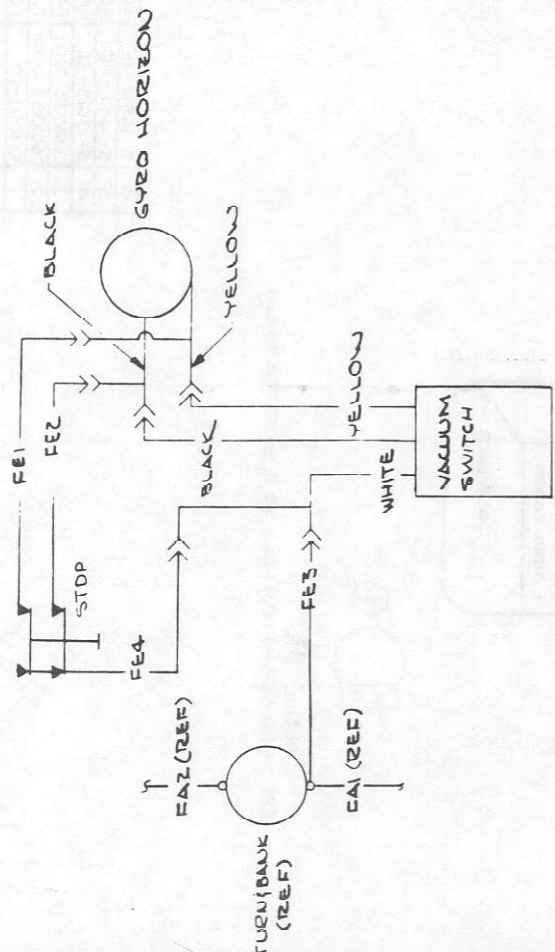
LIFFECTIVE. 111KV SER 17250572 & P17257188

FAZ	IB	MATERIAL	LC	TERMINALS	SERIALS
FA1	18			12 5136118 5136718	
				AT 5136718 5136718	

Cessna AIRCRAFT CO., COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS		WIRE TABLE	
TITLE WIRING DIAGRAM — TURN & BANK		Cessna.	
DATE 1/15/72		CROSS NO. 05000062	
NAME BIRMINGHAM GROUP WIRING CHECK Coe PROJ. SUTZLER		REV E PAGE 9.1	
SUPERSEDED BY		MODEL 172-P; 72	
SUPERSEDES		NOTE ✓	

ITEM NO.	PART NO.	DESCRIPTION	INSTALLED ON
----------	----------	-------------	--------------

REV	LET	REVISION	BY	CHK
D		ADDED CATHODIC & LOTE 1		
E		DIFFERENTIALS		
F		BY REV: ADD FRITZE TO MODEL BLOCK (SER FRITZE-000) ON 8-8-47		
G		BY REV: DELETE FRITZE FROM MODEL BLOCK		



INACTIVE :
 EFF THREE SER 17250572 & P17257188
 11-12-74
 EFF THREE SER 17250572 & P17257188

NOTES:
 1. FE1, FE2, FE3, & FE4 ARE IDENTICAL TO & SUPERSEDE OS3198-CE1, -FE2, FE3, & -FE4 RESPECTIVELY

WIRE NO	GA	MATERIAL	LG	TERMINALS	SERIALS
FE4 20		S-341-2			
FE3 20		S-341-2			
FE2 20		S-341-2			
FE1 20		S-341-2			

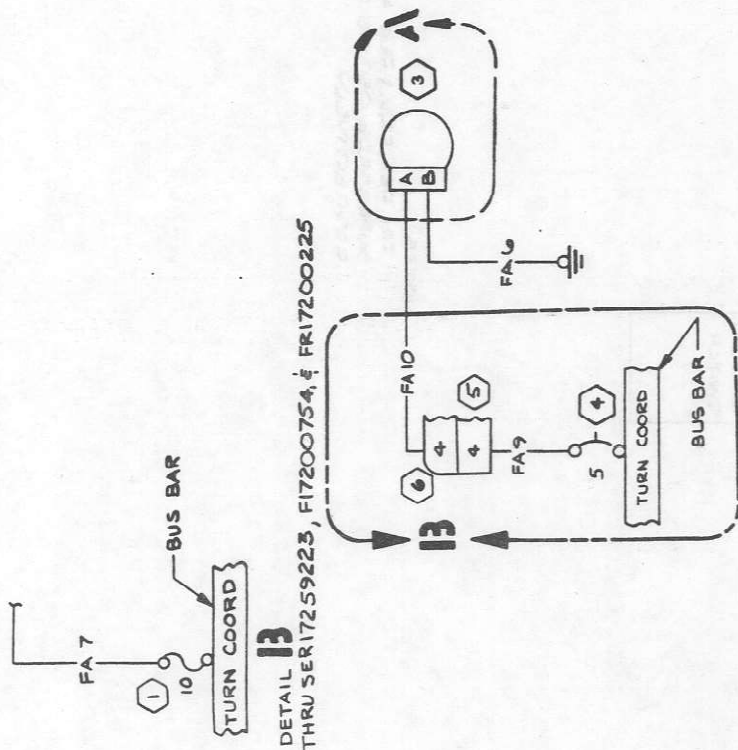
WIRE TABLE

CESSNA AIRCRAFT CO. COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS	
WIRING DIAGRAM— OPTIMUM FLIGHT INSTRUMENTS (OPT)	Cessna.
OS300062	REV F PAGE 2.2

PART NO	DESCRIPTION	INSTALLED ON

EQUIPMENT TABLE

1. APPLICABLE MODELS; FRITZ, 172 & F172



DETAIL A
EFF THRU SER FITZH-OSSSE SER 1725761

PART NO.		DESCRIPTION
6	5-1640-15	HOUSING - PIN
5	5-1641-15	HOUSING-SOCKET
4	5-1360-54	CIRCUIT BREAKER
3	6-1030-0501	TURN COORDINATOR
2	6-1003-0201	TURN COORDINATOR
1	5-1091-10	FUSE

ITEM NO.	DESCRIPTION
EQUIPMENT TABLE	

CONTRACT NO:		WIRE TABLE	
DESIGN	NAME	DATE	 WIRING DIAGRAM -- TURN COORDINATOR
GROUP	11 H20	3-17-67	
DRAWN	HALES	3-8-67	
CHECK	LAURIE	3-10-67	
STRESS	LAURIE	3-15-67	
PROJECT	LAURIE	3-15-67	
APPRO	LAURIE	3-15-67	SIZE C
SUPERSEDED BY:		CODE IDENT. NO.	DWG NO.
057001 P 91.0		71379	05000062
		SCALE: NONE	PAGE: 9 3

WIRE TABLECONTRACT NO:

	NAME	DATE
DESIGN		
GROUP	H. WARD	8-11-67
DRAWN	HARRIS	8-8-67
CHECK	LAURIE	8-10-67
STRESS	...	8-15-67
PROJECT	for Fred.	8-16-67

CODE IDENT.	DWG NO.
-------------	---------

NO. 71379 F 0500062

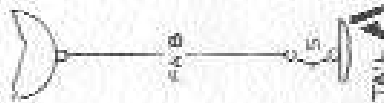
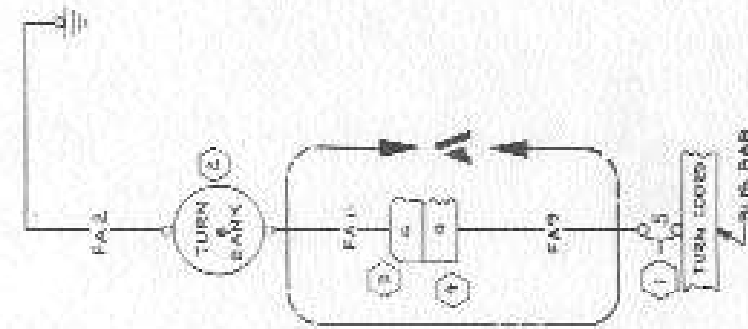
SCALE: NONE	PAGE: 93
-------------	----------

LTR	DESCRIPTION	DATE	APPROVED
A	BY REV: ADD NOTE 1; DELETE (SR5471). ED & RR NOTE (SER FR172E-000) 104	9-8-70 RCA	K.L. 110 K.W.
B	BY REV: ADD 1721 TO NOTE 1 ED & RR 00192 (SER 17215453) 30W	9-7-70 JSM	R.L. 200 K.W. RA GF K.W.
C	BY REV: ADDED DETAIL A4 ITEM 3. ED & RR 02375 (SR3605) (SR5522) II	LES 6-12-68	GA 100 K.W. DCK
D	BY REV: ADD & SER OUT DETAIL B; ADD FA9 & FA10, F172 TO NOTE 1; 172 & FR172 WAS 172I & FR172E IN NOTE 1; ADD 5-12-40-15, 5-16-41-15 & 5-18-40-10 ED & RR 10 939 (SR6352) (SR6353) (SR6354) III	DGP 3-26-70	LW K.W. RF
E	BY REV: 5-18-40-5L WAS 5-18-40-10 (NOW SHOP PRACTICE)	10-5-72 RCA	100 RF K.W.
F	BY REV: ADD WIRE LENGTHS (NOW SHOP PRACTICE)	3-10-73 MEM	BY K.W. RF
G	BY REV: 5 WAS 10, ON DWG. FIELD ITEM & (NOW SHOP PRACTICE)	5-9-74 MEM	100 K.W. RF

[illegible]

SC 60-152-50
SC 60-157-80

INACTIVE;
EFF THRU SEE (SR7909)
10-29-74
(17263504, 171201384)
SR7909 II
JCS REF
RAM



DETAIL 17259225, 17200754 & 17200225

NOTES:
1. APPLICABLE MODELS: 17200754, 17200225
17200754

REVISION

REV	DESCRIPTION	DATE	APP
A	BY REV. ADD 1721 TO NOTE 1 ED 17200754 & 17200225	17200754	17200225
B	BY REV. ADD 1721 TO NOTE 1 ADD 1721 TO NOTE 1 17200754 & 17200225 17200754 & 17200225 17200754 & 17200225 17200754 & 17200225	17200754	17200225
C	BY REV. ADD 1721 TO NOTE 1 ADD 1721 TO NOTE 1 17200754 & 17200225 17200754 & 17200225 17200754 & 17200225 17200754 & 17200225	17200754	17200225
D	BY REV. ADD 1721 TO NOTE 1 ADD 1721 TO NOTE 1 17200754 & 17200225 17200754 & 17200225 17200754 & 17200225 17200754 & 17200225	17200754	17200225

INACTIVE
FOR 17200754 & 17200225
17200754 & 17200225
17200754 & 17200225
17200754 & 17200225

1	5-10-4-1-5	HOUSING - SECRET
2	5-10-4-1-5	HOUSING - PIN
3	5-10-4-1-5	TURN BANK IN D
4	5-10-4-1-5	CIRCUIT BREAKER
5	5-10-4-1-5	TURN COORD
6	5-10-4-1-5	SUB BAR

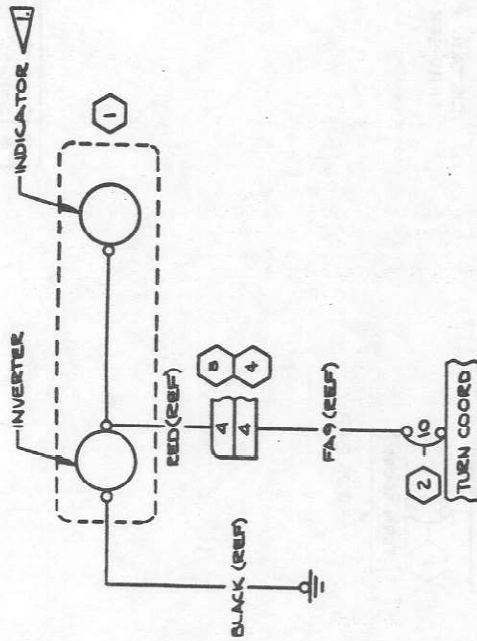
1	5-10-4-1-5	HOUSING - SECRET
2	5-10-4-1-5	HOUSING - PIN
3	5-10-4-1-5	TURN BANK IN D
4	5-10-4-1-5	CIRCUIT BREAKER
5	5-10-4-1-5	TURN COORD
6	5-10-4-1-5	SUB BAR

1	5-10-4-1-5	HOUSING - SECRET
2	5-10-4-1-5	HOUSING - PIN
3	5-10-4-1-5	TURN BANK IN D
4	5-10-4-1-5	CIRCUIT BREAKER
5	5-10-4-1-5	TURN COORD
6	5-10-4-1-5	SUB BAR

1	5-10-4-1-5	HOUSING - SECRET
2	5-10-4-1-5	HOUSING - PIN
3	5-10-4-1-5	TURN BANK IN D
4	5-10-4-1-5	CIRCUIT BREAKER
5	5-10-4-1-5	TURN COORD
6	5-10-4-1-5	SUB BAR

1	5-10-4-1-5	HOUSING - SECRET
2	5-10-4-1-5	HOUSING - PIN
3	5-10-4-1-5	TURN BANK IN D
4	5-10-4-1-5	CIRCUIT BREAKER
5	5-10-4-1-5	TURN COORD
6	5-10-4-1-5	SUB BAR

TURN COORDINATOR INDICATOR INCLUDES ALL WIRING BETWEEN INVERTER, INDICATOR AND CKT BREAKER.

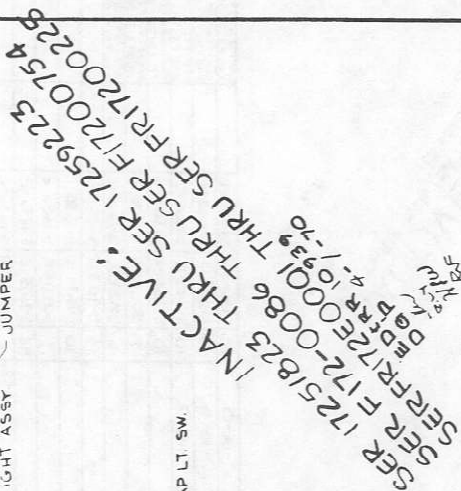


INACTIVE :
 THEL SER (68 755653) 1720000000
 S-1678
 EFF
 D
 N
 SP

[illegible]

WIRE TABLE				CONTRACT NO:		NAME		DATE		COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS	
4	5-1641-15	HOUSING		DESIGN	GROUP	Cool		7-11-70		Cessna AIRCRAFT CO. WIRING DIAGRAM -- BRITANN WING LEVELER	
5	5-1640-15	HOUSING		GROUP	H/Kal		7-7-70				
2	5-1860-10	CKT BKR		DRAWN	E-YOUNGERS		7-7-70				
1	2904-1	TURN COORD		CHECK	L.V. WHITE		7-7-70				
				STRESS							
EQUIPMENT TABLE				SUPERSEDES:							
				CES-1000 IS APPLICABLE VENDOR CODES PER S-1400 CES-1XXX-CESBNA SPEC. NO. S-1XXX OR CMAXX-CESBNA STD. NO.							
				SUPERSEDED BY:							
				PROJ		R/Lk		7-11-70		CODE IDENT. NO.	
				APPD		E-YOUNGERS		7-7-70		C 71379	
				OTHER						SIZE DWG NO	
										SCALE: NONE	
										172	
										PAGE: 9/5	

4-PT	REVISION	DATE	BY	CHK
A	ADD PLATE #46, ALL CE-ETED NUMBER 10 IN SWITCH ADDED 2 IN 1, 2 IN 1, 2 IN 1, 2 IN 1 2 IN 1, 2 IN 1, 2 IN 1, 2 IN 1 2 IN 1, 2 IN 1, 2 IN 1, 2 IN 1	12/25	9/25	9/25
B	ADD PLATE #46, ALL CE-ETED NUMBER 10 IN SWITCH ADDED 2 IN 1, 2 IN 1, 2 IN 1, 2 IN 1 2 IN 1, 2 IN 1, 2 IN 1, 2 IN 1 2 IN 1, 2 IN 1, 2 IN 1, 2 IN 1	12/25	9/25	9/25
C	BY REL: ADD FRITZE TO MODEL BLOCK (SER FRITZE-0001) CON	C.G.	12/25	12/25



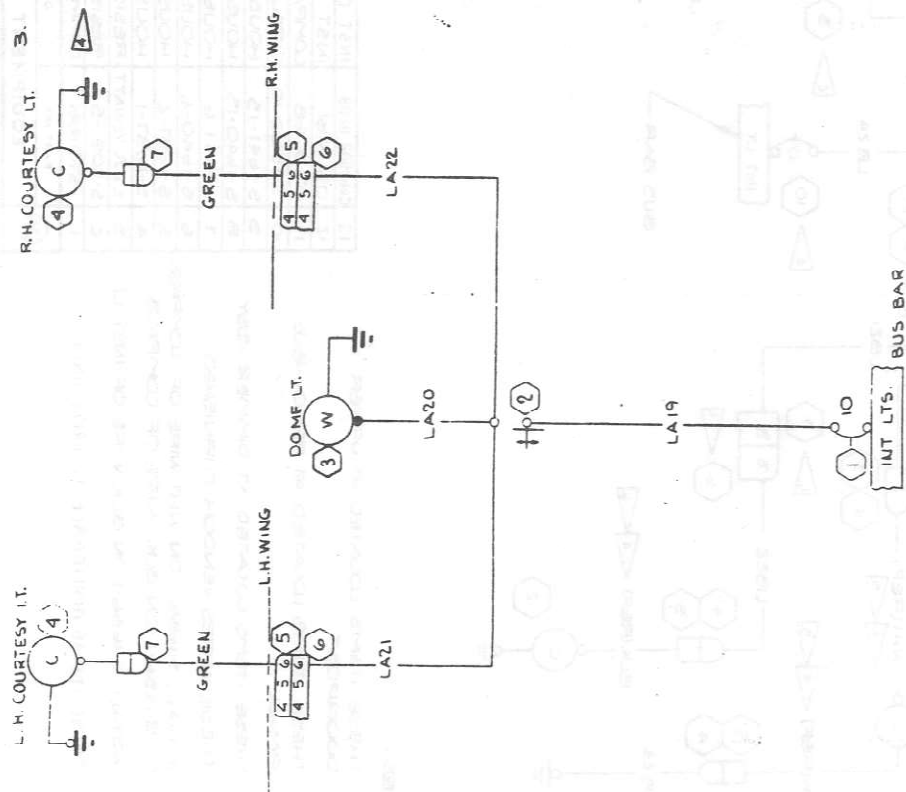
WIRE	G.A.	MATERIAL	QTY	TERMINALS	
LA18	18		516352	5 341-2	56R-7253393 1/4W
LA11	18		6	5-341-2	SOLDER
LA16	18		6	5-341-2	SOLDER
LA15	18		33	5-341-2	5 341-2
LA14	18		0	5-341-2	51635116
LA13	18		4	5 341-2	SOLDER
LA12	18		4	5-341-2	SOLDER
LA11	18		50	SOLDER	5 341-2
					140U 56R-7253392

WIRE TABLE	WIRING DIAGRAM— MAP AND AUXILIARY INSTRUMENT LIGHT (OFT)		Cesna.		CROSS NO		Q500062	
17-17	10-14	15-54	1-17-64	1-15-64	1-15-64	1-15-64	1-15-64	1-15-64
NAME	W. COOK	PARSONS	PRICE	REPAIR	REPAIR	REPAIR	REPAIR	REPAIR
DATE	1-15-64	1-17-64	1-15-64	1-15-64	1-15-64	1-15-64	1-15-64	1-15-64
REMARKS	11-1	11-1	11-1	11-1	11-1	11-1	11-1	11-1
WIRE NO	17-17	10-14	15-54	1-17-64	1-15-64	1-15-64	1-15-64	1-15-64

EQUIPMENT TABLE		PART NO	DESCRIPTION	NOTED ON
0	5-637-2		4055ING PLUG	
8	5-1037-1		4055ING CAP	
T	5-1030-2		4055ING CAP	
6	5-1030-1		4055ING PLUG	
5	KR6085		RHEOSTAT (TRIA)	
4	1470089-4		LIGHT ASSY	
1	5-1501-1		5-1501-1	
?	ON 3120-5		RHEOSTAT ASSY	
	1130010		UPCUT BREAKER	

REV	BY	DATE	REVISION
A	BY REV: ADD FRITZ MODEL BLOCK (SER FR172-000) (10N 0461)		
B	BY REV: ADD NOTES 3 & 4 RECA ED & RROOY SER FRITZ-000 (SER FR172-000) (10N 0461)		
C	BY REV: ADD 1721 TO NOTE 3 (FR172-000) (10N 0461)		

NOTES:
 1. WIRE MATERIAL PER 5-1400 5-1635-2 PIN 5-1631-1 HOUSING-CAP
 2. APPLICABLE MODELS: 172, FRITZ, T41-C, 1721
 3. COURTESY LIGHTS & ASSOCIATED WIRING ARE NOT APPLICABLE TO THE T41-C.



INACTIVE;
 SER FR172-0320 THRU SER FR172-0325
 SER FR172-0320 THRU SER FR172-0325
 SER FR172-0320 THRU SER FR172-0325
 SER FR172-0320 THRU SER FR172-0325

WIRE NO.	WIRE CODE	GA.	MATERIAL	LG.	TERMINALS	SERIALS
4	GREEN 18	18	5-1635-2	18.5	2	
4	GREEN 18	18	5-1635-2	18.5	2	
4	LA21 18	18	5-1635-2	18.5	2	
4	LA20 18	18	5-1635-2	18.5	2	
4	LA19 18	18	5-1635-2	18.5	2	

WIRE NO.	WIRE CODE	GA.	MATERIAL	LG.	TERMINALS	SERIALS
4	GREEN 18	18	5-1635-2	18.5	2	
4	GREEN 18	18	5-1635-2	18.5	2	
4	LA21 18	18	5-1635-2	18.5	2	
4	LA20 18	18	5-1635-2	18.5	2	
4	LA19 18	18	5-1635-2	18.5	2	

PART NO.	DESCRIPTION	INSTALLED ON
7	5-1631-1 HOUSING-CAP	
6	5-1641-6 HOUSING-SOCKET	
5	5-1640-6 HOUSING-PIN	
4	052101-2 COURTESY LIGHT	
3	051191-6 DOME LIGHT	
2	0713029 SWITCH	
1	5-1300-10 CIRCUIT BREAKER	

PART NO.	DESCRIPTION	INSTALLED ON
7	5-1631-1 HOUSING-CAP	
6	5-1641-6 HOUSING-SOCKET	
5	5-1640-6 HOUSING-PIN	
4	052101-2 COURTESY LIGHT	
3	051191-6 DOME LIGHT	
2	0713029 SWITCH	
1	5-1300-10 CIRCUIT BREAKER	

WIRE NO.	WIRE CODE	GA.	MATERIAL	LG.	TERMINALS	SERIALS
4	GREEN 18	18	5-1635-2	18.5	2	
4	GREEN 18	18	5-1635-2	18.5	2	
4	LA21 18	18	5-1635-2	18.5	2	
4	LA20 18	18	5-1635-2	18.5	2	
4	LA19 18	18	5-1635-2	18.5	2	

Cessna.

0500062
 REV C PAGE 117

WIRING DIAGRAM—
 DOME & COURTESY
 LIGHTS

CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS

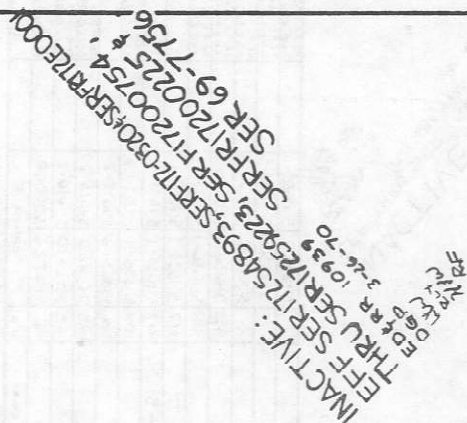
BLISS 11-365
 GROUP 11-365
 CHECK 11-365
 PROJ 11-365

WIRING DIAGRAM—
 DOME & COURTESY
 LIGHTS

CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS

BLISS 11-365
 GROUP 11-365
 CHECK 11-365
 PROJ 11-365

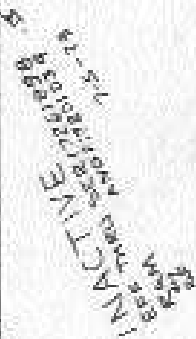
WIRING DIAGRAM—
 DOME & COURTESY
 LIGHTS



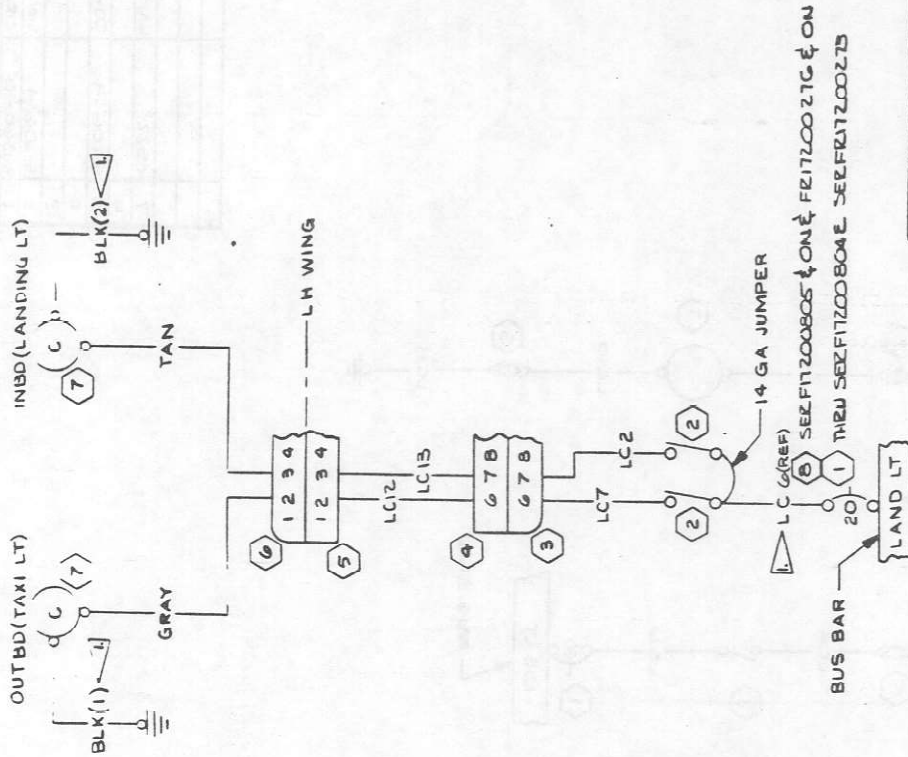
2. APPLICABLE MODELS: 172, FRITZE, TAIC
172 I

WIRE TABLE		Cessna AIRCRAFT CO., COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS	
TITLE		Cessna.	
WIRING DIAGRAM — LANDING & TAXI LIGHTS (OPTIONAL)		DASH NO 0500062	
DATE	DATE	REV	QCTD
12-1-53	11-3-53	1	118
12-1-53	21-1-53	2	118
12-1-53	12-1-53	3	118
12-1-53	12-1-53	4	118
12-1-53	12-1-53	5	118
12-1-53	12-1-53	6	118
12-1-53	12-1-53	7	118
12-1-53	12-1-53	8	118
12-1-53	12-1-53	9	118
12-1-53	12-1-53	10	118
12-1-53	12-1-53	11	118
12-1-53	12-1-53	12	118
12-1-53	12-1-53	13	118
12-1-53	12-1-53	14	118
12-1-53	12-1-53	15	118
12-1-53	12-1-53	16	118
12-1-53	12-1-53	17	118
12-1-53	12-1-53	18	118
12-1-53	12-1-53	19	118
12-1-53	12-1-53	20	118
12-1-53	12-1-53	21	118
12-1-53	12-1-53	22	118
12-1-53	12-1-53	23	118
12-1-53	12-1-53	24	118
12-1-53	12-1-53	25	118
12-1-53	12-1-53	26	118
12-1-53	12-1-53	27	118
12-1-53	12-1-53	28	118
12-1-53	12-1-53	29	118
12-1-53	12-1-53	30	118
12-1-53	12-1-53	31	118
12-1-53	12-1-53	32	118
12-1-53	12-1-53	33	118
12-1-53	12-1-53	34	118
12-1-53	12-1-53	35	118
12-1-53	12-1-53	36	118
12-1-53	12-1-53	37	118
12-1-53	12-1-53	38	118
12-1-53	12-1-53	39	118
12-1-53	12-1-53	40	118
12-1-53	12-1-53	41	118
12-1-53	12-1-53	42	118
12-1-53	12-1-53	43	118
12-1-53	12-1-53	44	118
12-1-53	12-1-53	45	118
12-1-53	12-1-53	46	118
12-1-53	12-1-53	47	118
12-1-53	12-1-53	48	118
12-1-53	12-1-53	49	118
12-1-53	12-1-53	50	118
12-1-53	12-1-53	51	118
12-1-53	12-1-53	52	118
12-1-53	12-1-53	53	118
12-1-53	12-1-53	54	118
12-1-53	12-1-53	55	118
12-1-53	12-1-53	56	118
12-1-53	12-1-53	57	118
12-1-53	12-1-53	58	118
12-1-53	12-1-53	59	118
12-1-53	12-1-53	60	118
12-1-53	12-1-53	61	118
12-1-53	12-1-53	62	118
12-1-53	12-1-53	63	118
12-1-53	12-1-53	64	118
12-1-53	12-1-53	65	118
12-1-53	12-1-53	66	118
12-1-53	12-1-53	67	118
12-1-53	12-1-53	68	118
12-1-53	12-1-53	69	118
12-1-53	12-1-53	70	118
12-1-53	12-1-53	71	118
12-1-53	12-1-53	72	118
12-1-53	12-1-53	73	118
12-1-53	12-1-53	74	118
12-1-53	12-1-53	75	118
12-1-53	12-1-53	76	118
12-1-53	12-1-53	77	118
12-1-53	12-1-53	78	118
12-1-53	12-1-53	79	118
12-1-53	12-1-53	80	118
12-1-53	12-1-53	81	118
12-1-53	12-1-53	82	118
12-1-53	12-1-53	83	118
12-1-53	12-1-53	84	118
12-1-53	12-1-53	85	118
12-1-53	12-1-53	86	118
12-1-53	12-1-53	87	118
12-1-53	12-1-53	88	118
12-1-53	12-1-53	89	118
12-1-53	12-1-53	90	118
12-1-53	12-1-53	91	118
12-1-53	12-1-53	92	118
12-1-53	12-1-53	93	118
12-1-53	12-1-53	94	118
12-1-53	12-1-53	95	118
12-1-53	12-1-53	96	118
12-1-53	12-1-53	97	118
12-1-53	12-1-53	98	118
12-1-53	12-1-53	99	118
12-1-53	12-1-53	100	118

GA	MATERIAL	LG	TERMINAL
16	BLACK	16-O	5 13472.8 5 13472.8 OPT.
16	BLACK	16-O	5 13472.8 5 13472.8 OPT.
14	GRAY	14-A-B	5 16352 5 13472.8 STD.
14	TAN	14-H	5 16352 5 13472.8 STD
14	LE4	14	5 13472.8 5 16352 STD
14	LC5	14	5 13472.8 5 16352 STD
14	LC1	14	5 13472.8 5 13472.8 OPT.

[illegible]

7	TABLE	LAMP	(1 each)
8			
9	5-20A-2-1	CONNECTION	
10			
11	5-20A-1	SWITCH	
12	5-20A-2	CIRCUIT BREAKER	
13	PART NO.	DESCRIPTION	VALUE
EQUIPMENT TABLE			
SEE NOTE 14, ATTACHABLE VENDOR CODES FOR B.B.O.D. DISCONTINUING THE PREC. NO. IN USE ON DISCONTINUING PREC. NO.			SUPERSEDED REPLACED BY P. 1.05.15



- NOTES:
- THESE WIRES OPTIONAL ALL OTHERS ARE STANDARD EQUIPMENT
 - APPLICABLE MODELS: F172, F172

EQUIPMENT TABLE	
PART NO.	DESCRIPTION
1	5-1360-20 CIRCUIT BREAKER
2	5-1824-1 SWITCH
3	5-1640-15 HOUSING - PIN
4	5-1641-15 HOUSING - SOCKET
5	5-1641-6 HOUSING - PIN
6	5-1640-6 LIGHT INSTL
7	0523118-1 CIRCUIT BREAKER
8	5-1360-20 CIRCUIT BREAKER

CES-1000 IS APPLICABLE
VENDOR CODES PER S-1400
CES-XXX-CESNA SPEC. NO.
S-XXX OR CMXXX-CESNA
STD. NO.

SUPERSEDES:
P 11.8
SUPERSEDED BY:
P 11.8.3

WIRE TABLE	
WIRE NO.	TERMINALS
BLK(1) 16	- 16-O
BLK(1) 16	- 16-O
TAN 14	- 14-B
GRY 14	- 14-IO
LC13 14	- 14-IO
LC12 14	- 14-IO
LC7 14	- 14-IO
LC2 14	- 14-IO

CONTRACT NO.

NAME

DATE

DESIGN

GROUP

DRAWN

CHECK

STRESS

PROJ

APPS

OTHER

Cessna AIRCRAFT CO.
COMMERCIAL AIRCRAFT DIV
5800 E. PANHANDLE
WICHITA, KANSAS

TITLE
WIRING DIAGRAM -
LANDING TAXI LIGHTS
(OPTIONAL)

CODE IDENT

DWG NO

SIZE

SCALE

NONE

NOTED

PAGE: 11.8.2

IN V. 11.8.2

BY REV: ADD S-1360-20 & SER. 1

SER OUT S-1360-20; INACT DWG

(S-1360)

BY REV: LC6(REF) WAS LC6,

ADD WIRE LENGTHS

(NOW SHOP PRACTICE)

BY 1/2W

RF

3-16-75

9-27-72

EFF. THIS SER. F1720104 & F1720104

INACTIVE:

9-27-72

9-27-72

9-27-72

9-27-72

9-27-72

9-27-72

9-27-72

9-27-72

9-27-72

9-27-72

9-27-72

9-27-72

9-27-72

9-27-72

9-27-72

9-27-72

9-27-72

9-27-72

9-27-72

9-27-72

9-27-72

9-27-72

9-27-72

9-27-72

9-27-72

9-27-72

9-27-72

9-27-72

9-27-72

9-27-72

9-27-72

9-27-72

9-27-72

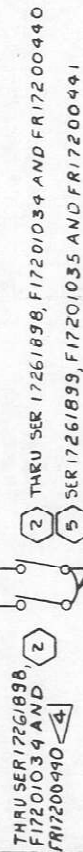
9-27-72

9-27-72

9-27-72

9-27-72

9-27-72



THIS DIAGRAM APPLICABLE TO FE12Z
 & FE12 AS STANDARD OPTION & TO FE12
 AS AN ALT OPTION

3 THESE WIRES SHALL BE FABRICATED FROM COLOR CODED MATERIAL

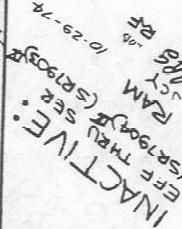
LET	DESCRIPTION	DATE	APPRO
A	BY 260 SER OUT S-260-4	3CT 1-16-73	N/W W
B	30 REV ADD 1221, 1220, 4 S-1403.3/1220 WAS S-1567.3, 16 1224 JUMPER (S-1203.3)	7-5-73 RAM	N/W A

INACTIVE.
EFF THRU SEP 69
RAM
JAN 69
10-10-69
(1726564)
(587909)H
(17701359)
(587909)H
(17701359)H

5060-122-20
5060-127-20

[illegible]

WIRE TABLE			CONTRACT NO.		Cessna, AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 5800 E. PARKWAY WICHITA, KANSAS	
PART NO.		DESCRIPTION	DESIGN	NAME	DATE	TITLE	SIZE	CODE IDENT
5	S-2160-4	SWITCH		W COOK	10-17-71	WIRING DIAGRAM — LANDING & TAXI LIGHT (OPT.)		
4	4509	LAMP		X W 44	10-10-72			
3	S-2094-1	CONNECTOR		REDAVEL	9-27-72			
2	S-2091-1	SWITCH		2 YOUNGERS	9-27-72			
1	S-260-20L	CIRCUIT BRK.						
EQUIPMENT TABLE			VENDOR					
CES-1000 IS APPLICABLE VENDOR CODES PER #1400 CES-XXXX-CESSENA SPEC. NO. XXXXX CXXXX-CESSENA STD. NO.			SUPERSEDES:		PROJ		SIZE	CODE IDENT
			05000G-2		K1			
			PG 11.8.2					
			SUPERSEDED BY:		APPD			
			P 11.5.0					
			0570101		OTHER			
			P 11.5.1				SCALE	NOTE
								(SEE 11.8.3) PAGE 11.8.3



NO	EQUIPMENT TABLE		DESCRIPTION
	PART NO.	NO	
15	S-1641-q	HOUSING-SOCKET	
14	S-1640-q	HOUSING- PIN	
13	S-2160-0	SWITCH	
12	S-1638-1	HOUSING-CAP	
11	S-1638-1	HOUSING-PLUG	
10	C622001-0108	TAIL LIGHT	
9	C622001-0202	WING LIGHT	
8	S-1640-6	HOUSING-SOCKET	
7	S-1641-1	HOUSING-PIN	
6	S-1637-2	HOUSING-PLUG	
5	S-1637-1	HOUSING-CAP	
4	S-1640-15	HOUSING-SOCKET	
3	S-1641-15	HOUSING-PIN	
2	S-1B24-1	SWITCH	
1	S-1360-10	CIRCUIT BREAKER	

CES1000 IS APPLICABLE VENDOR CODES PER S1400 CES-XXXX-CESNA SPEC. NO. S-XXX OR CMXXXX-CESNA STD. NO.	SUPERSEDES: P 11.9	SUPERSEDED BY: 0570101 P 11.6.0
--	-----------------------	------------------------------------

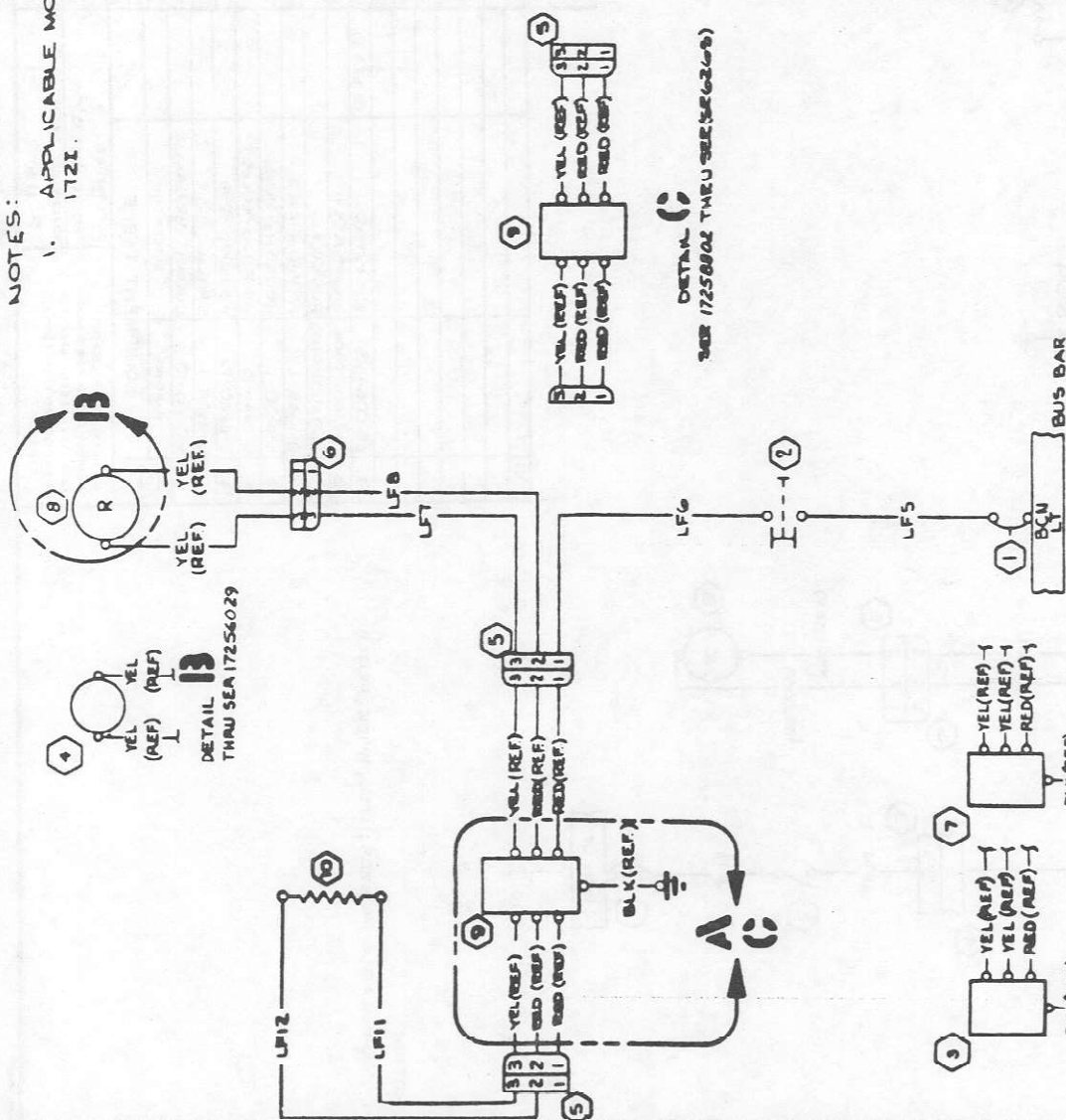
3. APPLICABLE MODELS: 172, F172, FRI72,

FORM NO. 80-219B

NOTES:
1. APPLICABLE MODELS: 172, FRITZE 1721.

REV	DATE	BY	CHK
A	17-04-73	CG	17-04-73
B	17-04-73	CG	17-04-73
C	17-04-73	CG	17-04-73
D	17-04-73	CG	17-04-73
E	17-04-73	CG	17-04-73
F	17-04-73	CG	17-04-73
G	17-04-73	CG	17-04-73

INACTIVE:
EFF SER 17254893, FRITZE-0001 F172-0320
THRU SER 17259223, FRITZE-0001 F172-0754
SER 17254893, FRITZE-0001 F172-0320
THRU SER 17259223, FRITZE-0001 F172-0754



PART NO.	DESCRIPTION	QUANTITY
10	ZR-075-11.5 RESISTOR (50W)	1
9	C594501-0201 FLASHER ASSY	1
8	C621001-0106 LIGHT ASSY	1
7	C594501-0201 FLASHER ASSY	1
6	5 16 3 B-2 HOUSING - PLUG	1
5	5 16 3 B-1 HOUSING - PLUG	1
4	C621001-0201 LIGHT ASSY	1
3	C594501-0101 FLASHER ASSY	1
2	0T13026-4 SWITCH ASSY	1
1	5 1340 10 CIRCUIT BREAKER	1

DETAIL A
THRU SER 17254512
SER 17256513 THRU SER 17256800

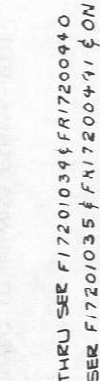
CODE NO.	QTY	MATERIAL	TERMINALS	REMARKS
LF12	16	5 16 3 B-2	5 16 3 B-2	SER 17254512 THRU SER 17256513
LF11	16	5 16 3 B-2	5 16 3 B-2	SER 17256513 THRU SER 17256800
LF8	16	5 16 3 B-2	5 16 3 B-2	SER 17254512 THRU SER 17256513
LF7	16	5 16 3 B-2	5 16 3 B-2	SER 17256513 THRU SER 17256800
LF6	16	5 16 3 B-2	5 16 3 B-2	SER 17254512 THRU SER 17256513
LF5	16	5 16 3 B-2	5 16 3 B-2	SER 17256513 THRU SER 17256800
LF4	16	5 16 3 B-2	5 16 3 B-2	SER 17254512 THRU SER 17256513

REV	DATE	BY	CHK
1	17-04-73	CG	17-04-73
2	17-04-73	CG	17-04-73
3	17-04-73	CG	17-04-73
4	17-04-73	CG	17-04-73
5	17-04-73	CG	17-04-73
6	17-04-73	CG	17-04-73
7	17-04-73	CG	17-04-73
8	17-04-73	CG	17-04-73
9	17-04-73	CG	17-04-73
10	17-04-73	CG	17-04-73

REV	DATE	BY	CHK
1	17-04-73	CG	17-04-73
2	17-04-73	CG	17-04-73
3	17-04-73	CG	17-04-73
4	17-04-73	CG	17-04-73
5	17-04-73	CG	17-04-73
6	17-04-73	CG	17-04-73
7	17-04-73	CG	17-04-73
8	17-04-73	CG	17-04-73
9	17-04-73	CG	17-04-73
10	17-04-73	CG	17-04-73

REV	DATE	BY	CHK
1	17-04-73	CG	17-04-73
2	17-04-73	CG	17-04-73
3	17-04-73	CG	17-04-73
4	17-04-73	CG	17-04-73
5	17-04-73	CG	17-04-73
6	17-04-73	CG	17-04-73
7	17-04-73	CG	17-04-73
8	17-04-73	CG	17-04-73
9	17-04-73	CG	17-04-73
10	17-04-73	CG	17-04-73

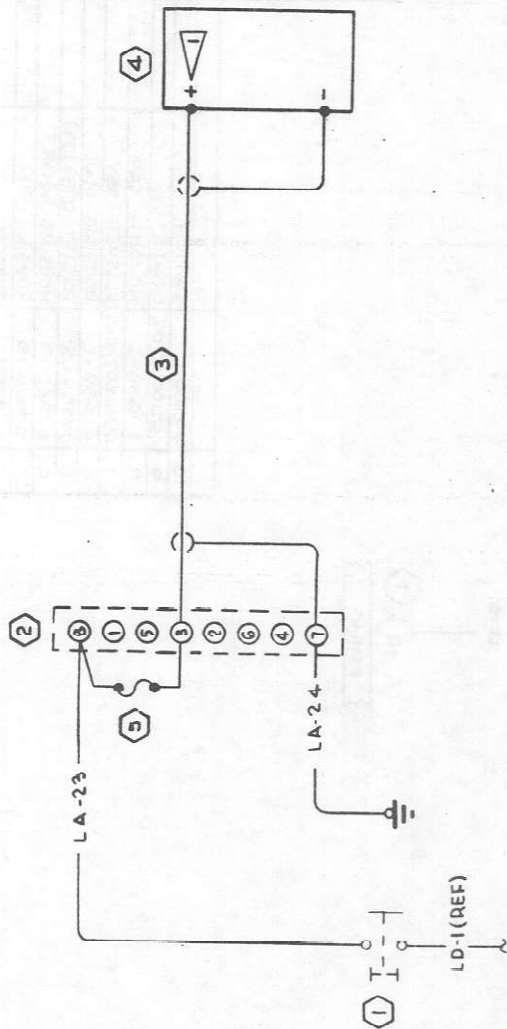
REV	DATE	BY	CHK
1	17-04-73	CG	17-04-73
2	17-04-73	CG	17-04-73
3	17-04-73	CG	17-04-73
4	17-04-73	CG	17-04-73
5	17-04-73	CG	17-04-73
6	17-04-73	CG	17-04-73
7	17-04-73	CG	17-04-73
8	17-04-73	CG	17-04-73
9	17-04-73	CG	17-04-73
10	17-04-73	CG	17-04-73



INACTIVE. 10 29 74 (17265689) II (610003) II (12022171) 16851389

CONTRACT NO:				WIRE TABLE	
DESIGN		NAME	DATE	 COMMERCIAL AIRCRAFT DIV. 8800 E. PAWNEE WICHITA, KANSAS	
GROUP	COOK		6-16-72		
DRAWN	H. WALK		6-22-72		
CHECK	COOK		6-16-72		
STRESS	WHITE		6-9-72		
OTHER		TITLE		 WIRING DIAGRAM — LIGHT-FLASHING BEACON (OPTIONAL)	
PROJ		SIZE		CODE IDENT.	DWG NO
APFD		C		71379	0500062
OTHER		SCALE: NONE		PAGE: 11 OF 12	

10	S-2160-1	SWITCH
9	C62100-1	LIGHT ASSY
8	S-1G3B-2	HOUSING- CAP
7	C594502-0101	FLASHER ASSY
6	S-1G3B-1	HOUSING- PLUG
5	S-0R95-1,5	RESISTOR (837T1)
4	S-1G41-15	HOUSING-SOCKET
3	S-1G40-15	HOUSING- PIN
2	S-1B24-1	SWITCH
1	S-1360-10L	CIRCUIT BREAKER
PART NO.		DESCRIPTION
EQUIPMENT TABLE		
CES-1000 IS APPLICABLE VENDOR CODES PER S1400 CES-XXXX-CESNA SPEC. NO. S-XXX OR CXXXX-CESNA STD. NO.		
SUPERSEDED BY:		SUPERSEDES:
p 11		



NOTES:

1. CORRECT POLARITY MUST BE OBSERVED. OTHERWISE, PERMANENT DAMAGE TO COMPONENTS ON 15T0142-2 WILL OCCUR.
2. CENTER CONDUCTOR OF B449 CABLE TO BE TERMINATED WITH 320733 (VENDOR 00779) AND ADJOINING SHIELD TO BE TERMINATED WITH 329636 (VENDOR 00779). TERMINATIONS TO BE MADE ON ONE END ONLY.

3. APPLICABLE MODELS; 172, FRITZE, E. F172

5	1570141-1	FUSE ASSY				CES-1000 IS APPLICABLE VENDOR CODES PER 51400 CES-XXXX+CESSNA SPEC. NO. 5-XXX OR CMXXXX+CESSNA STD. NO.
4	1570142-2	CIRCUIT BOARD ASSY				
3	8499	CABLE	(70903)			
2	8171	TERMINAL BLOCK	(11785)			
1	0713035	SWITCH				
		PART NO.	DESCRIPTION	EQUIPMENT TABLE		
						SUPERNODES:
						SUPERDEED BY:
						P 11111

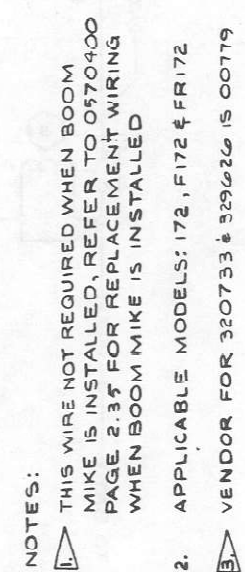
CONTRACT NO.:		NAME	DATE
DESIGN	GROUP	W. COOK	8-30-67
DRAWN		H. W. L. C.	8-31-67
CHECK		H. A. E. L.	8-31-67
STRESS		V. A. S. H. A. W.	8-30-67
PROJECT		J. A. W.	8-31-67
APPRO		R. L. H. A. R. D.	8-31-67

WIRE TABLE	 Cessna AIRCRAFT CO.	COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS
TITLE	WIRING DIAGRAM - MAP LIGHT, CONTROL WHEEL	
SIZE	CODE IDENT NO.	DWG NO.
C	71379	0500062

[illegible]

USCER F172-0432 THRU SER F172-0435,
INACTIVE;
USCER F172-0443 THRU SER F172-00754
USCER F172-0447 THRU SER F172-00225
USCER F172-0456 THRU SER FR17200225
USCER F172-0459 THRU SER FR17200225
USCER F172-0460 THRU SER FR17200225
USCER F172-0461 THRU SER FR17200225
USCER F172-0462 THRU SER FR17200225
USCER F172-0463 THRU SER FR17200225
USCER F172-0464 THRU SER FR17200225
USCER F172-0465 THRU SER FR17200225
USCER F172-0466 THRU SER FR17200225
USCER F172-0467 THRU SER FR17200225
USCER F172-0468 THRU SER FR17200225
USCER F172-0469 THRU SER FR17200225
USCER F172-0470 THRU SER FR17200225
USCER F172-0471 THRU SER FR17200225
USCER F172-0472 THRU SER FR17200225
USCER F172-0473 THRU SER FR17200225
USCER F172-0474 THRU SER FR17200225
USCER F172-0475 THRU SER FR17200225
USCER F172-0476 THRU SER FR17200225
USCER F172-0477 THRU SER FR17200225
USCER F172-0478 THRU SER FR17200225
USCER F172-0479 THRU SER FR17200225
USCER F172-0480 THRU SER FR17200225
USCER F172-0481 THRU SER FR17200225
USCER F172-0482 THRU SER FR17200225
USCER F172-0483 THRU SER FR17200225
USCER F172-0484 THRU SER FR17200225
USCER F172-0485 THRU SER FR17200225
USCER F172-0486 THRU SER FR17200225
USCER F172-0487 THRU SER FR17200225
USCER F172-0488 THRU SER FR17200225
USCER F172-0489 THRU SER FR17200225
USCER F172-0490 THRU SER FR17200225
USCER F172-0491 THRU SER FR17200225
USCER F172-0492 THRU SER FR17200225
USCER F172-0493 THRU SER FR17200225
USCER F172-0494 THRU SER FR17200225
USCER F172-0495 THRU SER FR17200225
USCER F172-0496 THRU SER FR17200225
USCER F172-0497 THRU SER FR17200225
USCER F172-0498 THRU SER FR17200225
USCER F172-0499 THRU SER FR17200225
USCER F172-0500 THRU SER FR17200225

LET	REVISION	DESCRIPTION	DATE	APPRO
A		BY REV: ADD NOTE 3 ED & RR 00173 (SEE FRITZE- 0001 40N) (SEE 17215513 40N)	RCA BIOG	ALL ^{add} D61C



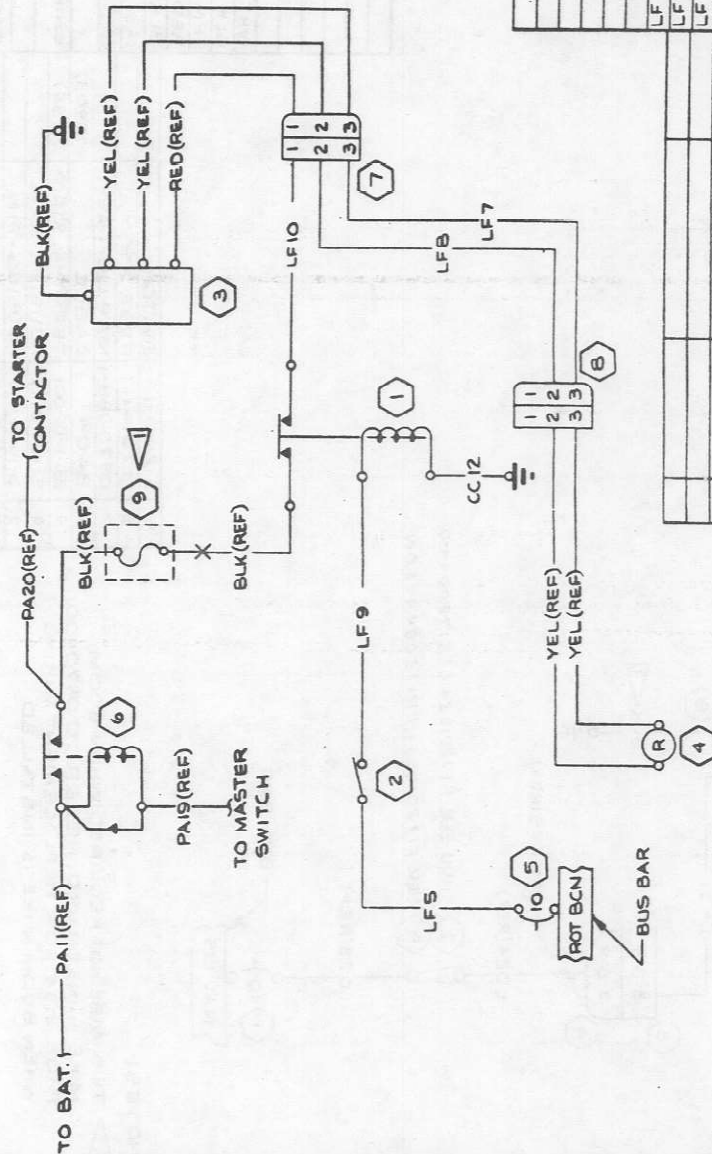
INACTIVE :
EFF THRU SEP (521903) R (527900) R
RMS RF
RAM
SCY
EFF THRU SEP (521903) R (527900) R
RMS RF
RAM
SCY

[illegible]

9	S-2160-1	SWITCH		
8	1570141-1	FUSE A 53Y		
7	0570088-1	MAP LIGHT ASSY		
6	840-9	CABLE		
5	35111-05-001	TERMINAL STRIP	(70903)	
4	S-1640-15	HOUSING-SOCKET	(71785)	
3	S-1641-15	HOUSING-PIN		
2	S-1824-1	SWITCH		
1	S-1360-10	CIRCUIT BREAKER		
PART NO.		DESCRIPTION		
		EQUIPMENT TABLE		
CES-1000 IS APPLICABLE			SUPERSEDES	
VENDOR CODES PER S14600			P 11.11	
CES-XXXX-CESXXX-CESXX			SUPERSEDED BY	
CES-XXXX-CESXXX-CESXX			S14600	
STANDARD			S14600	

NOTES:

- ADD S-1367-1-13 TERMINAL & S-1493-2 TERMINAL, HRI FUSE & FUSEHOLDER (71400)



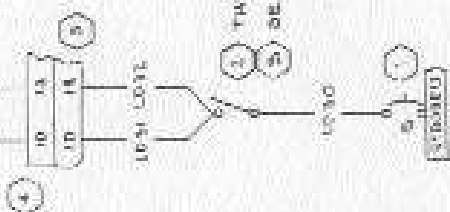
INACTIVE: R172-0257
 EFF SER 17259224
 THIRSER 17259224
 251 172
 251 172
 251 172

QTY	DESCRIPTION	PART NO.	VENDOR
9	HRI		
8	FUSE (FUSEHOLDER (71400))		
7	HOUSING-CAP		
6	HOUSING-PLUG		
5	BAT CONTACTOR		
4	CIRCUIT BREAKER		
3	LIGHT ASSY		
2	FLASHER ASSY		
1	SWITCH ASSY		
1	RELAY		

QTY	DESCRIPTION	PART NO.	VENDOR
1	FUSE		
1	FUSEHOLDER		
1	HRI		
1	HOUSING-CAP		
1	HOUSING-PLUG		
1	BAT CONTACTOR		
1	CIRCUIT BREAKER		
1	LIGHT ASSY		
1	FLASHER ASSY		
1	SWITCH ASSY		
1	RELAY		

WIRE TABLE

WIRE		GA	MATERIAL	LG	TERMINALS	SERIALS
CODE	NO					



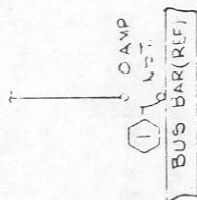
INACTIVE

[illegible][illegible]

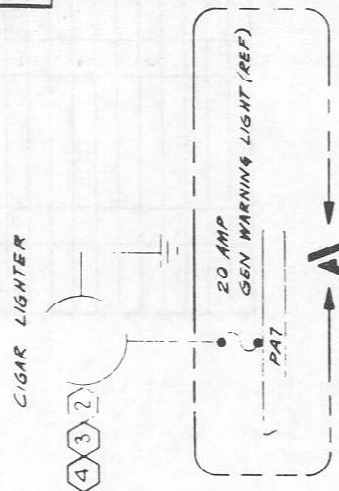
Woolworth

Information: The following information is provided for the year ended 31 December 2014:

1. APPLICABLE MODELS: 172, P172, FR172E,
T41.C, & 172I



DETAIL A/
SER 17254893 FON



A hand-drawn diagram on a grid background. A solid line with an arrow at the end points from the bottom left towards a target. The target is a small circle with a cross inside, labeled "15.4 MP" and "10.2 LIGHTS". A dashed line extends from the target towards the top right. To the right of the target is a bracketed label "BUS BAR (REF)". At the bottom left, there is handwritten text: "ADD S/307-2-6" and "TERM TO -2-10".

DETAIL A
SER 17250573 THRU SER 17254892
SER P17257189 THRU SER 17254892

EQUIPMENT TABLE		PART NO.		EQUIP. N.		SYSTEM	
4	0513052-15	LIGHTER ASSY	FRITZELT1000				
3	0513052-3	LIGHTER ASSY	T41-C ONLY				
2	5130391	LIGHTER ASSY					
1	360-0	ROOT BRACKET					

LINE	REVISION	BY	CHK
		DATE	DATE
D	REDRACD KID CHW		
E	BY REV: ADD 172120 MODEL BLOCK (FRITZE - COIL 40H)		
F	BY REV: ADD 0513052-B SER 172156513, RITZE - 00011		
G	BY REV: ADD 172120 MODEL BLOCK (FRITZE - COIL 40H)		
H	BY REV: ADD NOTE 1 ED & RROOITZ (RITZ - 25) THEIR 0501 (SER FRITZE - COIL 40H)		
J	BY REV: ADD 172120 NOTE 1 (EDRR 00192) (RITZ 156513)		
K	BY REV: ADD 0513052-B & 0513052-15 SER 172156513, RITZE - 00011		

THRU SER FR 17200225
 EP# RR 10939
 DP# 3-26-70
 NACTIVE: 1-23
 SER# 69-775
 SER# 17200752

[illegible]

WIRE TABLES

CESSNA AIRCRAFT CO., COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS.

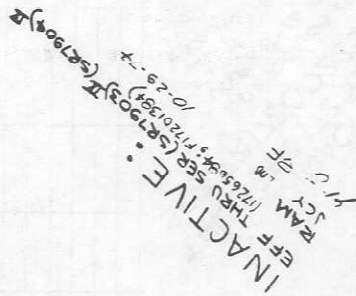
WIRING DIAGRAM —
CIGAR LIGHTER

Cessna.

0000000000

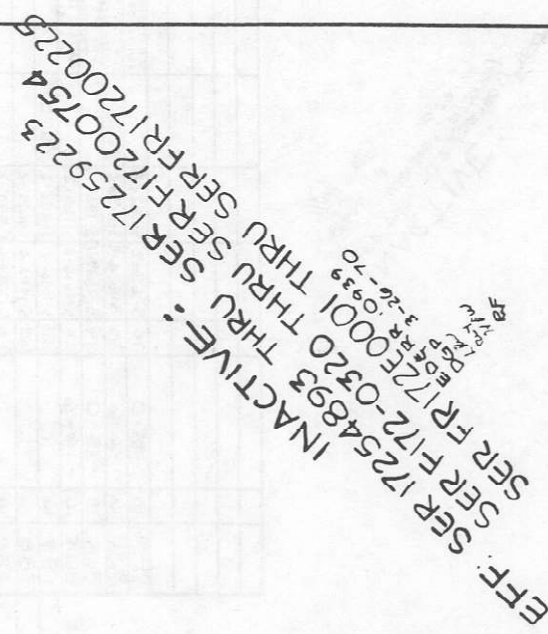
[illegible]

EQUIPMENT TABLE

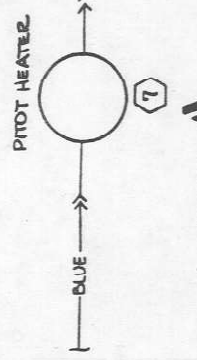
[illegible]

CONTRACT NO:		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV. 8800 E PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE		
GROUP	17-1C	4-7-70	WIRING DIAGRAM —		
DRAWN	W. H. H.	4-2-70	CIGAR LIGHTER		
CHECK	D.G. PLAIN	3-26-70			
STRESS	WHITE	4-1-70			
PROJ	SIZE	CODE IDENT NO.	DWG NO.		
APPD	C	71379	0500062		
OTHER					
SCALE:		NONE		NOTED	

2. APPLIES TO MODELS: FR172



WIRE TABLE		Cessna AIRCRAFT CO., COMMERCIAL AIRCRAFT DIVISION, WICHITA, KANSAS	
NAME	DATE	Cessna.	
BLISS 11-3-65	11-3-65	WIRING DIAGRAM—	
1-4-65	1-4-65	PITOT HEAT	
1-4-65	1-4-65	(OPTIONAL)	
SUPPLIER'S	DATE	ORDER NO.	PRICE
11-3-65	11-3-65	0500062	13.3



10-29-74
 EFF. THRU 12/22/69
 10-29-74
 INACTIVE
 (12/22/69) (12/22/69) (12/22/69)

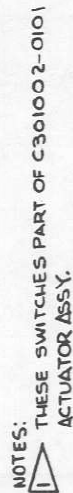
BLK NO	MATERIAL	LG	TERMINALS	SERIALS
1B	-1B-O	14	5-1636-2	5-1636-2
1B	-1B-O	54	5-1636-2	(STD)
1B	-1B-O	14	5-1369-1	5-1367-8
1B	-1B-O	54	5-1636-2	5-1149-2
1B	-1B-O	40	5-1636-2	5-1635-2
1B	-1B-O	10	5-1493-2	5-1635-2
1B	-1B-O	7	5-13672-6	5-1493-2

CONTRACT NO.		WIRE TABLE	
NAME	DATE	TITLE	
Cessna	4-7-70	Cessna Aircraft Co.	
GROUP	4-7-70	COMMERCIAL AIRCRAFT DIV 5800 E. PAWNEE WICHITA, KANSAS	
DRAWN	4-7-70	WIRING DIAGRAM --	
CHECK	4-11-70	PITOT HEAT (OPTIONAL)	
STRESS			
PROJ	4-7-70	SIZE	CODE IDENT
APPD	4-7-70	C	NO 71379
OTHER		DWG NO 05000062	
		SCALE	NONE
		NOTED	DATE 1-3-71

9	S-1637-2	HOUSING - PLUG	IN NO	PART NO.	DESCRIPTION	EQUIPMENT TABLE	SUPERSTORES P 13.3	SUPPLIED BY: OSTOIOI P 13.2.0
8	S-1637-1	HOUSING - CAP						
7	0721105-5	PITOT HEATER						
6	S-1640-9	HOUSING - PIN						
5	S-1641-9	HOUSING - SOCKET						
4	S-1641-15	HOUSING - SOCKET						
3	S-1640-15	HOUSING - PIN						
2	S-1824-1	SWITCH						
1	S-1360-10L	CIRCUIT BREAKER						

NOTES:

1. WIRES FB94 BLUE ARE STANDARD WIRES
3. APPLICABLE MODELS: 172, F172, FR172.

WIRE TABLE

COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS

WIRING DIAGRAM -
WING FLAPS -ELECTRIC

SIZE	CODE IDENT NO.	DWG NO
C	71379	0500062

(SR6584)
(FR17200298)

AMP TERM 42281-2 CN CONDUCTOR, AMP
TERM 2-523931-2 ON SHIELD & GND WIRE

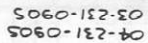
5060-182-50
5060-182-40

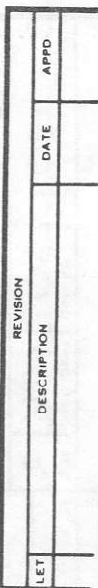
CONTRACT NO.			WIRE TABLE		COMMERCIAL AIRCRAFT DIV. 5900 E. WYMANE WICHITA, KANSAS	
DESIGN	NAME	DATE	Cessna AIRCRAFT CO. WIRING DIAGRAM — ALTERNATOR SYSTEM, 60 AMP			
GROUP	G. STAMM	12-11-74				
DRAWN	BILL ALLEN	12-11-74				
CHECK	MERRICK	10-31-74				
STRESS	J. JOUEL	12-4-74				
PROJ			SIZE	CODE IDENT	DWG NO	
APPD			C	71379	0570101	
OTHER			SCALE: NONE			

16	S-2135-1	LIGHT ASSY
15	S-1360-5L	CIRCUIT BREAKER
13	S-1596-60L	CIRCUIT BREAKER
12	S-1637-2	HOUSING
11	S-1637-1	HOUSING
10	TVA-1315	CAPACITOR
9	CS93001-0101	OVERVOLTAGE SENSOR
8	S-1994-1-1	SWITCH
7	0770719-2	DIODE ASSY
4	0770038-2	FILTER
3	CG1501-0102	ALTERNATOR ASSY
2	CGAB-10A730A	HOUSING
1	CG1001-0201	REGULATOR
PART NO.		DESCRIPTION
EQUIPMENT TABLE		

CES-1000 IS APPLICABLE
VENDOR CODES PER S-1400
CES-XXXX-CESNA SPEC. NO
S-XXX OR CMXXX-CESNA
STD. NO.

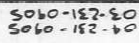
SUPERSEDES: P 4-1-1
0500062 P 4-10-1
SUPERSEDED BY:

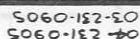
[illegible]



ADD S-1488-1 NIPPLES TO MAG END OF WIRES

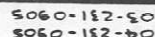
5060-152-50
5060-152-40

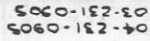
FROM HQ DOJ 100-441100



WIRE TABLE			
CONTRACT NO:		Cessna. AIRCRAFT CO.	
DESIGN		NAME	DATE
GROUP	B	STAMM	10-74
DRAWN	B	HARDEW	12-75
CHECK		MERRICK	10-31-74
STRESS		LOUVEL	11-16-74
PROJ			1-1-75
APPD			
OTHER			
COMMERCIAL AIRCRAFT DIV. 5800 E. PAWNEE WICHITA, KANSAS		TITLE	
Cessna. AIRCRAFT CO.		WIRING DIAGRAM — FUEL GAGE & TRANSMITTER	
SIZE		CODE IDENT	DWG NO
C		71379	0570101
SCALE		NONE	PAGE: 8.1.0

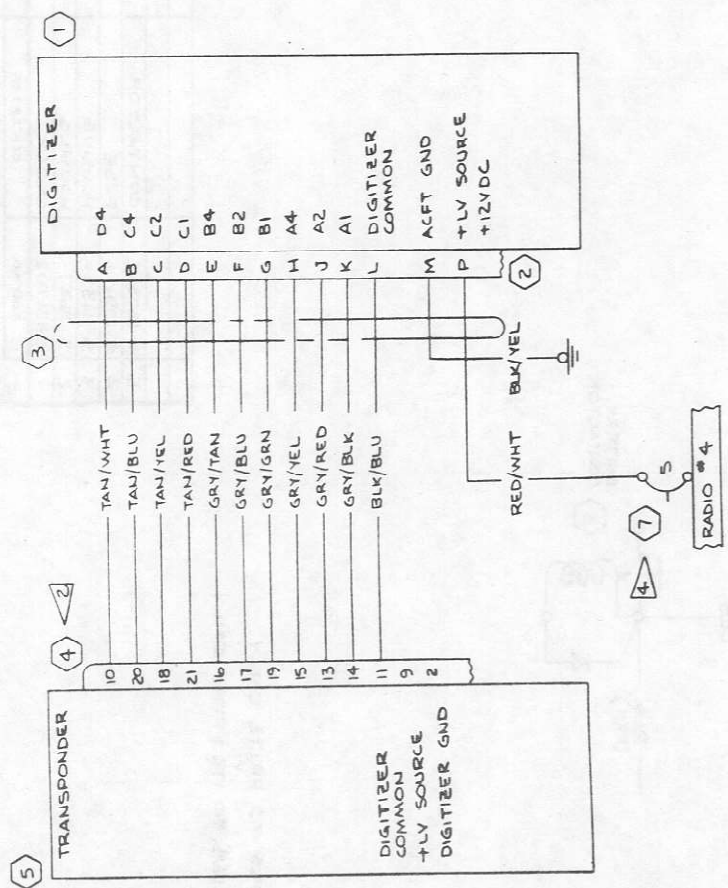
FORM NO. 80-2180

PAGE: 9.1.0

FORM NO. 80-2107

REVISION		DATE	APPD
LET	DESCRIPTION		

03-231-0905



- NOTES:
1. FOR WIRE & WIRE TERMINALS REFER TO 1270625 PAGE 9.7
 2. TRANSPONDER CONNECTOR HOUSING IS PART OF TRANSPONDER CABLE ASSY
 3. FOR WIRING DIAGRAM OF 300 TRANSPONDER REFER TO 5520143
 4. ATTACH BOTH TRANSPONDER AND ENCODING ALTIMETER TO THE NO. 4 CIRCUIT BREAKER

WIRE NO.	GA.	MATERIAL	TERMINALS	SERIALS
7	5-1360	-5L	CIRCUIT BREAKER	
5	RT-359A		TRANSPONDER	
4	5-2189-1		CONNECTOR	
3	15703-2-3		CABLE ASSY	
2	42816		CONNECTOR	
1	EA-401A		ALT DIGITIZER	
11A			DESCRIPTION	

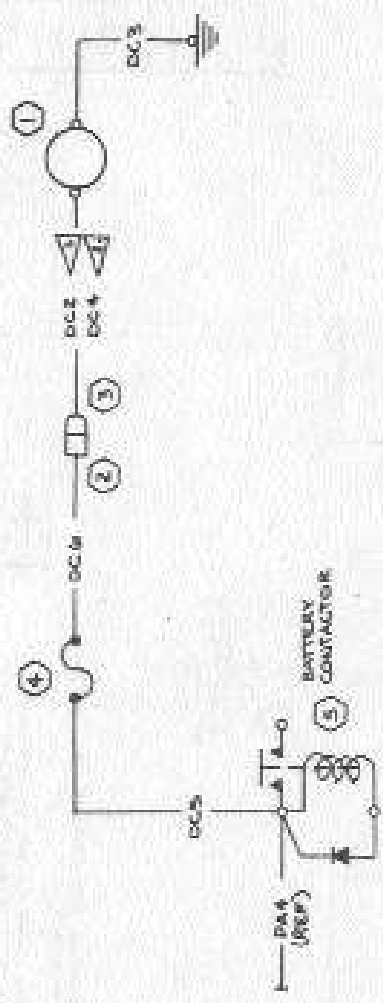
WIRE TABLE

CONTRACT NO.		Cessna AIRCRAFT CO.		COMMERCIAL AIRCRAFT DIV.	
		5800 E. PAWNEE		WICHITA, KANSAS	
NAME	DATE				
G. STAMM	12-74				
DESIGN	GROUP				
BHARDEN	12-75				
DRAWN	MERRICK				
1031-74					
CHECK	STOQUEL				
12-6-74					
STRESS					
PROJ	FILE				
0500062	P 9.6				
APPD	OTHER				

TITLE
WIRING DIAGRAM -
ENCODING ALTIMETER
(OPT)

SIZE	CODE IDENT	DWG NO
C	71379	0570101
SCALE: NONE		PAGE: 9.3.0

REV	DESCRIPTION	DATE	APPRO



NOTES:
 1. APPLIES TO PR12Z ONLY
 2. APPLIES TO 12 & PR12Z ONLY

ITEM NO.	DESCRIPTION	REVISION
1	5-1513-2	CONTRACTOR
2	5-1513-1	FUSE
3	5-1513-1	HOUSING
4	5-1513-1	HOUSING
5	5-1513-2	CLOCK

ITEM NO.	DESCRIPTION	REVISION
1	5-1513-2	CONTRACTOR
2	5-1513-1	FUSE
3	5-1513-1	HOUSING
4	5-1513-1	HOUSING
5	5-1513-2	CLOCK

WIRING DIAGRAM -
CLOCK (OPT)

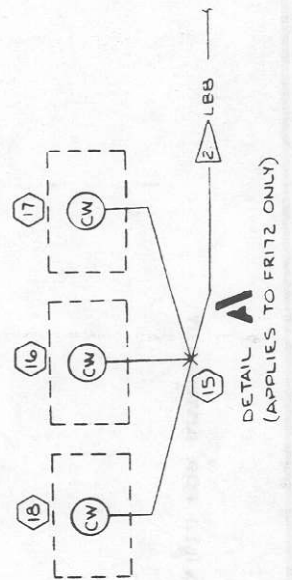
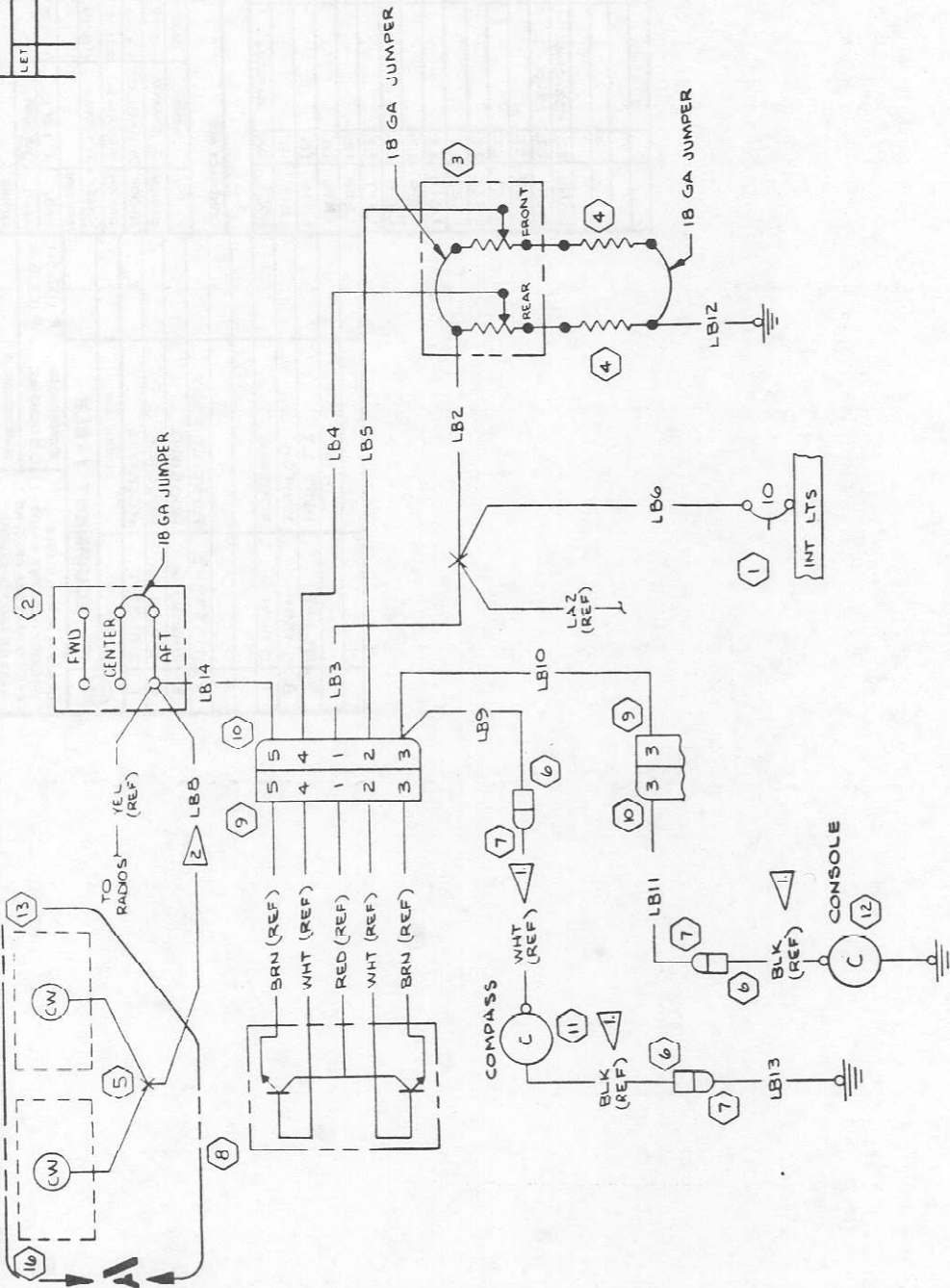
DATE	1-1-75
BY	W. J. H. 100
CHECKED	W. J. H. 100
APPROVED	W. J. H. 100
OTHER	

1. THESE WIRES VENDOR FURNISHED
2. OPTIONAL WITH POST LIGHTS INSTL

REVISION			
LET	DESCRIPTION	DATE	APPD

[illegible]

LET	DESCRIPTION	REVISION	DATE	APPD



DETAIL
(APPLIES TO FR172 ONLY)

5060-112-10
5060-112-10

CONTRACT NO.		PAWNEE DIVISION WOOD & PAWNEE WICHITA, KANSAS	
DESIGN	G. STAMM	DATE	1-2-75
GROUP	B. HARDEN	DATE	1-3-75
DRAWN	MERRICK	DATE	10-1-74
CHECK	J. YOUNG	DATE	12-6-74
STRESS		DATE	
PROJ	D. FIFE	DATE	1-4-75
APPD		DATE	
OTHER		DATE	
TITLE		WIRING DIAGRAM - COMPASS & INSTRUMENT LIGHTS	
SIZE	C	CODE IDENT	71379
DWG NO	0570101	SCALE	NONE
PAGE 11.2.1		PAGE 11.2.1	

NOTES:

- SEE PG. 11.2.0 & PG. 11.2.1 FOR INSTRUMENT CLUSTER LIGHTS

REV	DESCRIPTION	DATE	APPD

04-231-0905

EQUIPMENT TABLE	
PART NO.	DESCRIPTION
9 021481	INST LT
8 51501-1	SWITCH
7 51641-6	HOUSING
4 121379-3	POST LT ASSY
3 51640-6	HOUSING
2 51637-2	HOUSING
1 51637-1	HOUSING

CES-000 IS APPLICABLE
VENDOR CODES PER 8-1400
CES-1100-CESNA SPEC. NO.
8-110 OR CHAIKUN-CESNA
STD. NO.

SUPERSEDED BY:
P 11.2.5.1
O 500062
P 11.2.5.0

SUPERSEDED BY:
P 11.2.5.1
O 500062
P 11.2.5.0

STRESS
PROJ R FIFE
APPD 1/23/74
OTHER

DESIGN G. STAMM
GROUP B. HAEDEL
DRAWN MERRICK
CHECK J. GUEL

DATE 1-2-75
1-2-75
10-31-74
12-6-74

SIZE
C 71379
CODE IDENT. DWG NO
NO.

SCALE: NONE
(SR7504) X 547903
PAGE: 11.3.0

172, FITZ, FRITZ

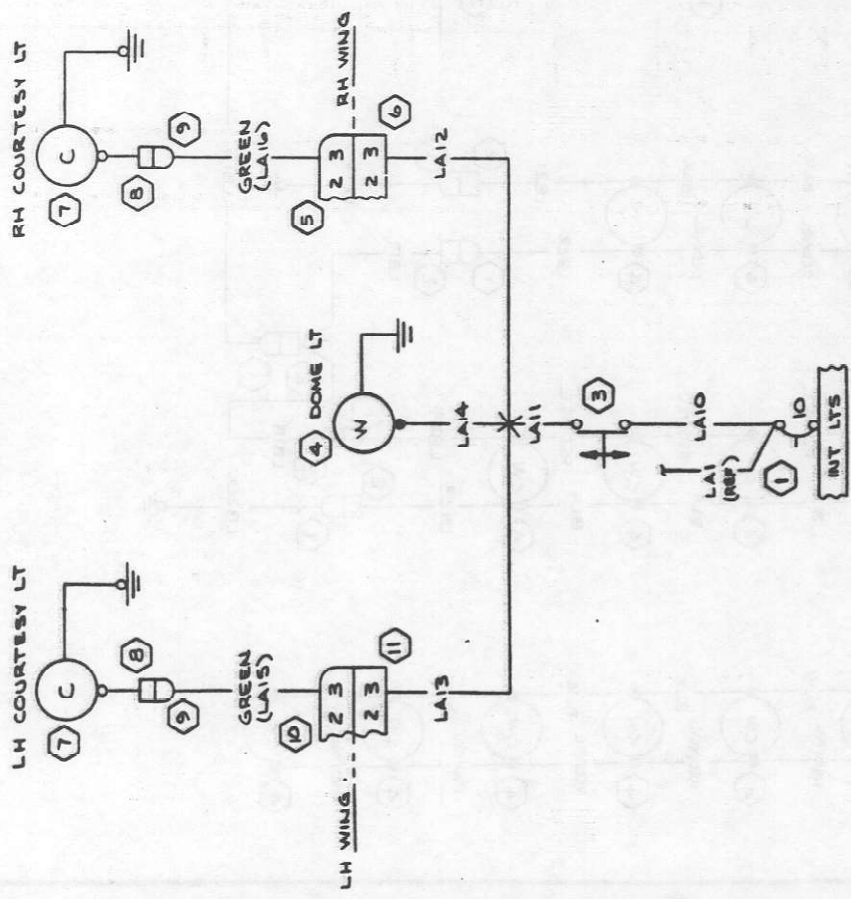
WIRE TABLE

CONTRACT NO:
CESNA AIRCRAFT CO.
COMMERCIAL AIRCRAFT DIV.
8800 E. PAWNEE
WICHITA, KANSAS

TITLE
WIRING DIAGRAM -
INSTRUMENT PANEL
POST LIGHTING (OPT)

CODE NO	GA	MATERIAL	LG	TERMINALS	SERIALS
RED/VEL 22	-22-2-4	SOLDER	SOLDER		
BLK 22	-22-0	SOLDER	SOLDER		
LB24 22		S-1635-1			
LB23 22		S-1636-1			
L322 22		S-1635-1			
LB21 22		S-1636-1			
LB20 22		S-1635-1			
LB19 22		S-1635-1			
LB18 22		S-1636-1			
LB17 22		S-1636-1			
LB16 18		S-1635-2			
LB15 18		S-1636-1			
LB14 18		S-1635-1			
LB13 18		S-1636-1			
		S-1636-1			

REV	DESCRIPTION	DATE	APPD



ITEM NO.	DESCRIPTION
1	51360-10L CIRCUIT BREAKER
2	51360-10L CIRCUIT BREAKER
3	51831-1 SWITCH
4	511481 DOME LT ASSY
5	51640-9 HOUSING
6	51641-9 HOUSING
7	512101 COURTESY LT
8	51637-2 HOUSING
9	51637-1 HOUSING
10	51640-6 HOUSING
11	51641-6 HOUSING

ITEM NO.	DESCRIPTION	QTY	UNIT	TERMINALS	SERIALS
117	51635-1	5	1635-1	LA12	51635-1
117	51635-1	5	1635-1	LA13	51635-1
6	51636-1	1	1636-1	LA14	51636-1
45	51636-1	1	1636-1	LA15	51636-1
45	51636-1	1	1636-1	LA16	51636-1
6	51830-1	5	1830-1	LA17	51830-1
84	51830-1	5	1830-1	LA18	51830-1
10	51830-1	5	1830-1	LA19	51830-1
10	51830-1	5	1830-1	LA20	51830-1
10	51830-1	5	1830-1	LA21	51830-1
10	51830-1	5	1830-1	LA22	51830-1
10	51830-1	5	1830-1	LA23	51830-1
10	51830-1	5	1830-1	LA24	51830-1
10	51830-1	5	1830-1	LA25	51830-1
10	51830-1	5	1830-1	LA26	51830-1
10	51830-1	5	1830-1	LA27	51830-1
10	51830-1	5	1830-1	LA28	51830-1
10	51830-1	5	1830-1	LA29	51830-1
10	51830-1	5	1830-1	LA30	51830-1
10	51830-1	5	1830-1	LA31	51830-1
10	51830-1	5	1830-1	LA32	51830-1
10	51830-1	5	1830-1	LA33	51830-1
10	51830-1	5	1830-1	LA34	51830-1
10	51830-1	5	1830-1	LA35	51830-1
10	51830-1	5	1830-1	LA36	51830-1
10	51830-1	5	1830-1	LA37	51830-1
10	51830-1	5	1830-1	LA38	51830-1
10	51830-1	5	1830-1	LA39	51830-1
10	51830-1	5	1830-1	LA40	51830-1
10	51830-1	5	1830-1	LA41	51830-1
10	51830-1	5	1830-1	LA42	51830-1
10	51830-1	5	1830-1	LA43	51830-1
10	51830-1	5	1830-1	LA44	51830-1
10	51830-1	5	1830-1	LA45	51830-1
10	51830-1	5	1830-1	LA46	51830-1
10	51830-1	5	1830-1	LA47	51830-1
10	51830-1	5	1830-1	LA48	51830-1
10	51830-1	5	1830-1	LA49	51830-1
10	51830-1	5	1830-1	LA50	51830-1
10	51830-1	5	1830-1	LA51	51830-1
10	51830-1	5	1830-1	LA52	51830-1
10	51830-1	5	1830-1	LA53	51830-1
10	51830-1	5	1830-1	LA54	51830-1
10	51830-1	5	1830-1	LA55	51830-1
10	51830-1	5	1830-1	LA56	51830-1
10	51830-1	5	1830-1	LA57	51830-1
10	51830-1	5	1830-1	LA58	51830-1
10	51830-1	5	1830-1	LA59	51830-1
10	51830-1	5	1830-1	LA60	51830-1
10	51830-1	5	1830-1	LA61	51830-1
10	51830-1	5	1830-1	LA62	51830-1
10	51830-1	5	1830-1	LA63	51830-1
10	51830-1	5	1830-1	LA64	51830-1
10	51830-1	5	1830-1	LA65	51830-1
10	51830-1	5	1830-1	LA66	51830-1
10	51830-1	5	1830-1	LA67	51830-1
10	51830-1	5	1830-1	LA68	51830-1
10	51830-1	5	1830-1	LA69	51830-1
10	51830-1	5	1830-1	LA70	51830-1
10	51830-1	5	1830-1	LA71	51830-1
10	51830-1	5	1830-1	LA72	51830-1
10	51830-1	5	1830-1	LA73	51830-1
10	51830-1	5	1830-1	LA74	51830-1
10	51830-1	5	1830-1	LA75	51830-1
10	51830-1	5	1830-1	LA76	51830-1
10	51830-1	5	1830-1	LA77	51830-1
10	51830-1	5	1830-1	LA78	51830-1
10	51830-1	5	1830-1	LA79	51830-1
10	51830-1	5	1830-1	LA80	51830-1
10	51830-1	5	1830-1	LA81	51830-1
10	51830-1	5	1830-1	LA82	51830-1
10	51830-1	5	1830-1	LA83	51830-1
10	51830-1	5	1830-1	LA84	51830-1
10	51830-1	5	1830-1	LA85	51830-1
10	51830-1	5	1830-1	LA86	51830-1
10	51830-1	5	1830-1	LA87	51830-1
10	51830-1	5	1830-1	LA88	51830-1
10	51830-1	5	1830-1	LA89	51830-1
10	51830-1	5	1830-1	LA90	51830-1
10	51830-1	5	1830-1	LA91	51830-1
10	51830-1	5	1830-1	LA92	51830-1
10	51830-1	5	1830-1	LA93	51830-1
10	51830-1	5	1830-1	LA94	51830-1
10	51830-1	5	1830-1	LA95	51830-1
10	51830-1	5	1830-1	LA96	51830-1
10	51830-1	5	1830-1	LA97	51830-1
10	51830-1	5	1830-1	LA98	51830-1
10	51830-1	5	1830-1	LA99	51830-1
10	51830-1	5	1830-1	LA100	51830-1

CONTRACT NO. _____

NAME: G. STAMM DATE: 1-2-74

GROUP: B. HADDOCK DATE: 1-2-74

DRAWN: MERRICK DATE: 10-3-74

CHECK: J. YOUNG DATE: 12-4-74

STRESS: _____

PROJ: R. FIFE DATE: 1-4-75

APPD: J. B. B. DATE: _____

OTHER: _____

WIRING DIAGRAM - DOME & COURTESY LIGHTS

CODE IDENT: C 71379

SIZE: 11.4-75

SCALE: NONE

PAGE: 11.4-9

04-231-0905
5060-152-0505

REVISION		
LET	DESCRIPTION	DATE
A	BY REV: EXCHANGE TAXI LT & LUG LT, TAN(LE2) & GRAY(LC2), LE1 (SR7903)(SR7904)	TMS 1-10-75
		APPO 1-10-75

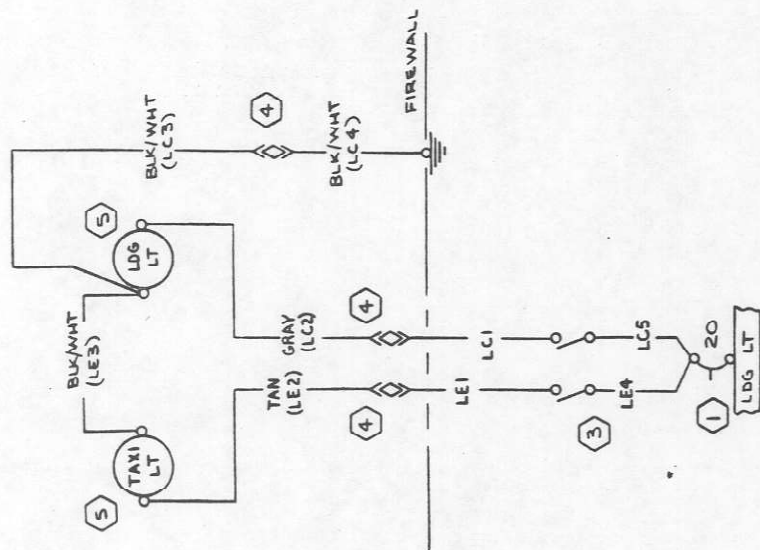
5060-152-50
5060-152-50

WIRE CODE NO.	GA	MATERIAL	LG	TERMINAL	SERIALS
LC5	12				
LE4	12				
LE3	12				
LE2	12				
LE1	12				
LC1	12				
LC2	12				
LC3	12				
LC4	12				
LC5	12				
LC6	12				
LC7	12				
LC8	12				
LC9	12				
LC10	12				
LC11	12				
LC12	12				
LC13	12				
LC14	12				
LC15	12				
LC16	12				
LC17	12				
LC18	12				
LC19	12				
LC20	12				
LC21	12				
LC22	12				
LC23	12				
LC24	12				
LC25	12				
LC26	12				
LC27	12				
LC28	12				
LC29	12				
LC30	12				
LC31	12				
LC32	12				
LC33	12				
LC34	12				
LC35	12				
LC36	12				
LC37	12				
LC38	12				
LC39	12				
LC40	12				
LC41	12				
LC42	12				
LC43	12				
LC44	12				
LC45	12				
LC46	12				
LC47	12				
LC48	12				
LC49	12				
LC50	12				
LC51	12				
LC52	12				
LC53	12				
LC54	12				
LC55	12				
LC56	12				
LC57	12				
LC58	12				
LC59	12				
LC60	12				
LC61	12				
LC62	12				
LC63	12				
LC64	12				
LC65	12				
LC66	12				
LC67	12				
LC68	12				
LC69	12				
LC70	12				
LC71	12				
LC72	12				
LC73	12				
LC74	12				
LC75	12				
LC76	12				
LC77	12				
LC78	12				
LC79	12				
LC80	12				
LC81	12				
LC82	12				
LC83	12				
LC84	12				
LC85	12				
LC86	12				
LC87	12				
LC88	12				
LC89	12				
LC90	12				
LC91	12				
LC92	12				
LC93	12				
LC94	12				
LC95	12				
LC96	12				
LC97	12				
LC98	12				
LC99	12				
LC100	12				

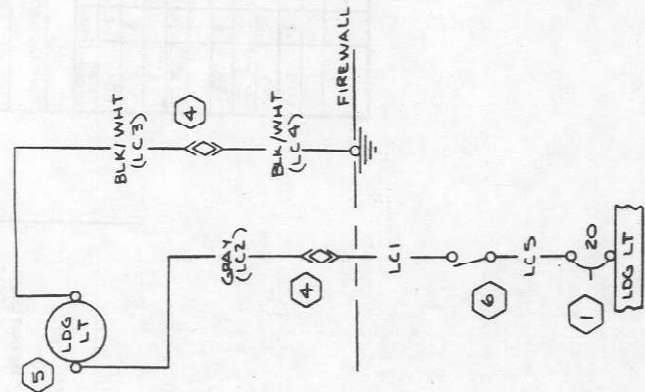
WIRE TABLE	
CONTRACT NO.	COMMERCIAL AIRCRAFT DIV 5800 E. FAHWEE WICHITA, KANSAS
DESIGN	Cessna AIRCRAFT CO.
GROUP	TITLE
DRAWN	WIRING DIAGRAM
CHECK	LANDING & TAXI LIGHT
STRESS	(OPT)
PROJ	SIZE CODE IDENT DWG NO
APPO	C 71379 0570101
OTHER	SCALE 1:1

EQUIPMENT TABLE	
PART NO.	DESCRIPTION
1	SWITCH
2	LAMP
3	CONNECTOR
4	SWITCH
5	CIRCUIT BREAKER
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	
50	
51	
52	
53	
54	
55	
56	
57	
58	
59	
60	
61	
62	
63	
64	
65	
66	
67	
68	
69	
70	
71	
72	
73	
74	
75	
76	
77	
78	
79	
80	
81	
82	
83	
84	
85	
86	
87	
88	
89	
90	
91	
92	
93	
94	
95	
96	
97	
98	
99	
100	

REVISION			
LET	DESCRIPTION	DATE	APPD
A	FOR REVISION SEE SHEET 11.5.0		



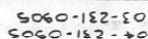
APPLICABLE TO F112, FR172 &
ALTERNATE OPTION ON 172



APPLICABLE TO 172 ONLY

50660-152-110
50660-152-110

CONTRACT NO.		PAWNEE DIVISION 5805 E PAWNEE WICHITA, KANSAS	
DESIGN	G. STANNA	DATE	12/74
GROUP	B. HARRIS	TITLE	WIRING DIAGRAM
DRAWN	MERRICK	10-74	
CHECK	J. YOUNG	12-74	
STRESS			
PROJ	F. L. H. 111	DWG NO.	0570101
APPD	J. H. H. 111	NO.	71379
OTHER		SCALE	NONE
		PAGE	11.5.1



2. VENDOR FOR 320733 & 329626 15(00779)
VENDOR FOR 8409 15(70903)
VENDOR FOR 3511-05-001 15(71785)

WHT	8409		320753	320753	2
BLK					
GRN					
RED	8409		220753	320753	
BLK	20	20-0-0	3	5136118	329626
LAIT	20		3	329626	51493-1
WIRE CODE NO	GA	MATERIAL	LG	TERMINALS	SERIALS

CONTRACT NO. _____

DESIGN	NAME	DATE
GROUP	G. STAMM	10/1/76
GROUP	B. HARRDU	11-2-75
DRAWN	MERRICK	10-2-76
CHECK	J. TOLVEL	2-6-78
STRESS		
PROJ	R. HILL	1-1-77
APPD	J. J. JONES	
OTHER		

COMMERCIAL AIRCRAFT DIV.
5800 E. PAWNEE
WICHITA, KANSAS

Cessna, AIRCRAFT CO.

TITLE

WIRING DIAGRAM —
MAP LIGHT - CONTROL WHEEL
(OPT)

SIZE C

CODE IDENT NO 71379

DWG NO 0570101

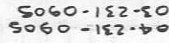
SCALE NONE

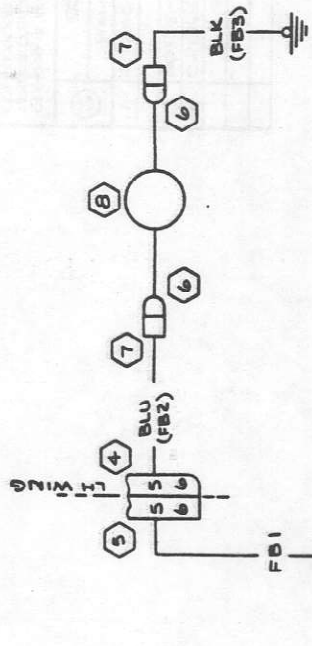
(58790-3) (SR7903) PAG. 11 P. 0



CONTRACT NO:		WIRE TABLE		COMMERCIAL AIRCRAFT DIV. 1800 E. PAWNEE WICHITA, KANSAS	
DESIGN	NAME	DATE	TITLE	Cossina Aircraft Co.	
GROUP	G. STAMPA	1/2-75	WIRING DIAGRAM —		
DRAWN	MERRICK	D-31-4	WING TIP STROBE LIGHT		
CHECK	J. YOUNG	11-6-74	(OPT)		
STRESS					
PROJ	R. FIFE	1-4-75	SIZE	CODE IDENT.	DWG NO
APPO	1/25-208		C	NO.	0570101
OTHER				71379	
			SCALE	NONE	(SRT504) PAGE 11 OF 20

ORDER NO. 0031176

FORM NO. 66-2189



PART NO.	DESCRIPTION	EQUIPMENT TABLE	
		SUPPLIES:	OTHER:
5 0721105	PITOT HEATER	0500062	P 13.3.1
7 5-1631-2	HOUSING		
6 5-1631-1	HOUSING		
5 5-1641-6	HOUSING		
4 5-1640-6	HOUSING		
2 5-2160-1	SWITCH		
1 5-1360-10L	CIRCUIT BREAKER		

DESIGN	NAME	DATE
GROUP	G. STAMM	12/14
DRAWN	B. HADEN	1-2-75
CHECK	MERRICK	10-31-74
STRESS	J. YOUNG	11-6-74

CONTRACT NO.	NAME	DATE
	G. STAMM	12/14
	B. HADEN	1-2-75
	MERRICK	10-31-74
	J. YOUNG	11-6-74

DESIGN	NAME	DATE
GROUP	G. STAMM	12/14
DRAWN	B. HADEN	1-2-75
CHECK	MERRICK	10-31-74
STRESS	J. YOUNG	11-6-74

DESIGN	NAME	DATE
GROUP	G. STAMM	12/14
DRAWN	B. HADEN	1-2-75
CHECK	MERRICK	10-31-74
STRESS	J. YOUNG	11-6-74

DESIGN	NAME	DATE
GROUP	G. STAMM	12/14
DRAWN	B. HADEN	1-2-75
CHECK	MERRICK	10-31-74
STRESS	J. YOUNG	11-6-74

DESIGN	NAME	DATE
GROUP	G. STAMM	12/14
DRAWN	B. HADEN	1-2-75
CHECK	MERRICK	10-31-74
STRESS	J. YOUNG	11-6-74

DESIGN	NAME	DATE
GROUP	G. STAMM	12/14
DRAWN	B. HADEN	1-2-75
CHECK	MERRICK	10-31-74
STRESS	J. YOUNG	11-6-74

WIRING DIAGRAM
PITOT-HEATED (OPT)

COMMERCIAL AIRCRAFT CO.
WICHITA, KANSAS

CONTRACT NO. 5060-152-80

DESIGN: G. STAMM, DATE: 12/14

GROUP: B. HADEN, DATE: 1-2-75

DRAWN: MERRICK, DATE: 10-31-74

CHECK: J. YOUNG, DATE: 11-6-74

STRESS: J. YOUNG, DATE: 11-6-74

PROJ: R. FIFE, DATE: 1-4-75

APPD: J. YOUNG, DATE: 1-4-75

OTHER: J. YOUNG, DATE: 1-4-75

CODE IDENT: C 71379

DWG NO: 0570101

SCALE: NONE

PAGE: 13.2.0

NOTES:

1. THESE SWITCHES PART OF C301002-0101
ACTUATOR ASSY

REVISION		DESCRIPTION	DATE	APPD
LET				

ITEM NO	PART NO.	DESCRIPTION	QUANTITY	UNIT	REMARKS
11	C301002-0101	ACTUATOR ASSY			
10	S-1638-2	HOUSING			
9	S-1638-1	HOUSING			
8	S-1640-16	HOUSING			
7	S-1641-16	HOUSING			
6	S-1640-9	HOUSING			
5	S-1641-9	HOUSING			
4	S-1661-2	SWITCH			
2	S-1360-15L	CIRCUIT BREAKER			
1	V3-1-D9	SWITCH			

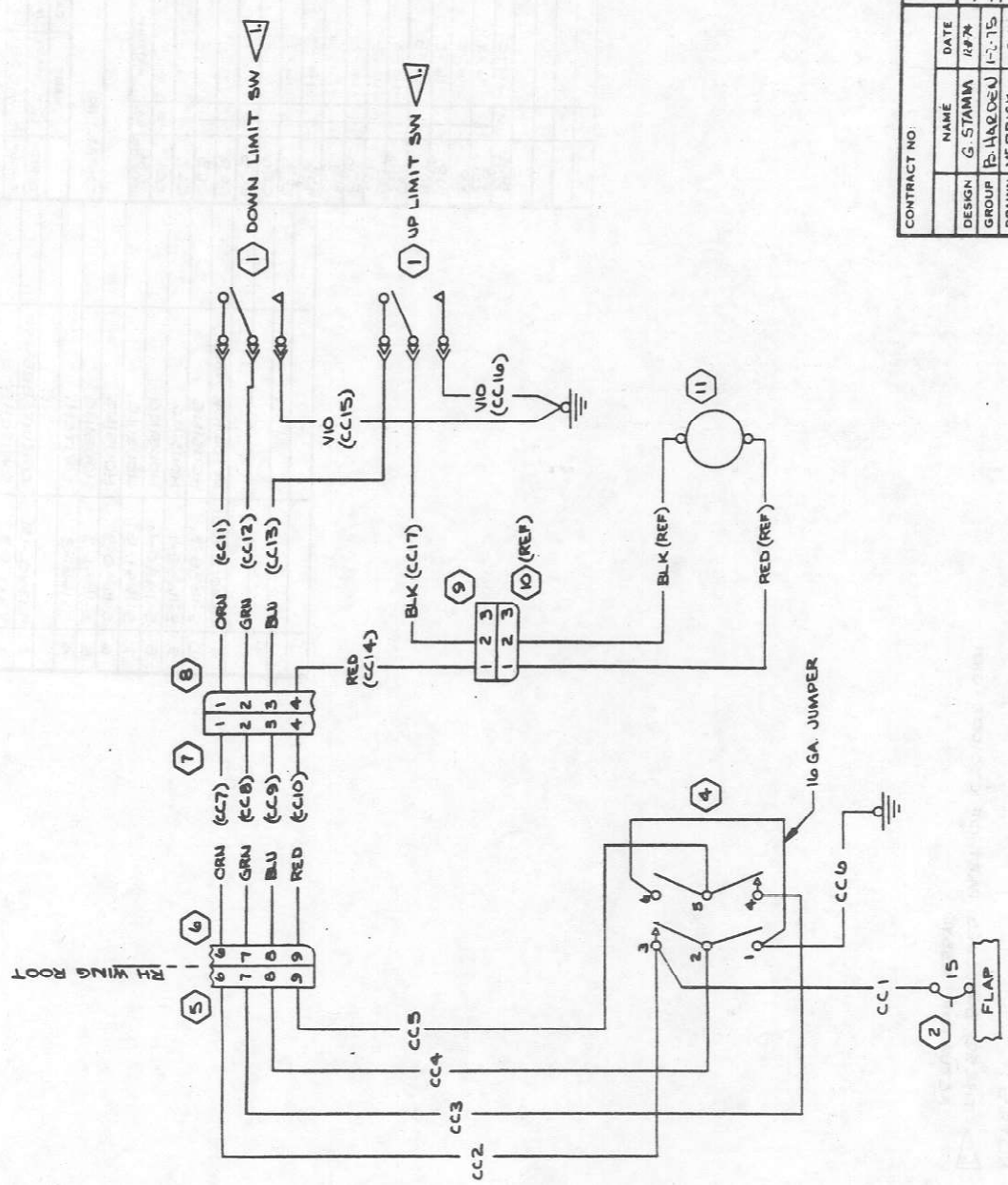
EQUIPMENT TABLE		SUPERSEDES:	
PART NO.	DESCRIPTION	DATE	BY

WIRE TABLE		TERMINALS		SERIALS	
WIRE CODE NO	G.A.	MATERIAL	LG		
CC1	16				
CC2	16				
CC3	16				
CC4	16				
CC5	16				
CC6	16				
CC7	16				
CC8	16				
CC9	16				
CC10	16				
CC11	16				
CC12	16				
CC13	16				
CC14	16				
CC15	16				
CC16	16				
CC17	16				
CC18	16				
CC19	16				
CC20	16				
CC21	16				
CC22	16				
CC23	16				
CC24	16				
CC25	16				
CC26	16				
CC27	16				
CC28	16				
CC29	16				
CC30	16				
CC31	16				
CC32	16				
CC33	16				
CC34	16				
CC35	16				
CC36	16				
CC37	16				
CC38	16				
CC39	16				
CC40	16				
CC41	16				
CC42	16				
CC43	16				
CC44	16				
CC45	16				
CC46	16				
CC47	16				
CC48	16				
CC49	16				
CC50	16				
CC51	16				
CC52	16				
CC53	16				
CC54	16				
CC55	16				
CC56	16				
CC57	16				
CC58	16				
CC59	16				
CC60	16				
CC61	16				
CC62	16				
CC63	16				
CC64	16				
CC65	16				
CC66	16				
CC67	16				
CC68	16				
CC69	16				
CC70	16				
CC71	16				
CC72	16				
CC73	16				
CC74	16				
CC75	16				
CC76	16				
CC77	16				
CC78	16				
CC79	16				
CC80	16				
CC81	16				
CC82	16				
CC83	16				
CC84	16				
CC85	16				
CC86	16				
CC87	16				
CC88	16				
CC89	16				
CC90	16				
CC91	16				
CC92	16				
CC93	16				
CC94	16				
CC95	16				
CC96	16				
CC97	16				
CC98	16				
CC99	16				
CC100	16				

CONTRACT NO.		NAME		DATE	
DESIGN	G. STAMM	1/1/74			
GROUP	PL 142080	12-75			
DRAWN	MERRICK	10-3-74			
CHECK	LYQUEL	12-6-74			
STRESS					
PROJ	R. F. K.	4-75			
APPD					
OTHER					

TITLE		WIRING DIAGRAM -	
WING FLAPS -		ELECTRIC	
SIZE	CODE IDENT	DWG NO	
C	71379	0570101	
SCALE	NONE	(58793)	PAGE: 4-1-0

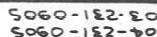
REV	DESCRIPTION	DATE	APPD



0060-152-00
00251-0
00000-00

CONTRACT NO.		NAME	DATE
DESIGN		G. STAMMA	10-75
GROUP		B. HADDOEN	10-75
DRAWN		MERRICK	10-75
CHECK		J. YOUNG	10-75
STRESS			
PROJ		R. FIFE	1-4-75
APPD		J. S. ADP	
OTHER			

Cessna AIRCRAFT CO.		PAWNEE DIVISION 8000 E. PAWNEE WICHITA, KANSAS	
TITLE WING DIAGRAM - WING FLAPS - ELECTRIC			
SIZE	CODE IDENT	DWG NO.	
C	71379	0570101	
SCALE	NONE	(SR1903) (SR1904)	PAGE 14-1



1.  GROUND BLACK WIRE ON TRANSMITTER MOUNTING BOLT

WIRE CODE NO.	GAL	MATERIAL	LG	TERMINALS
GRAY DB4	18	-18-B	100	5-13635-1
DB3	18		24	5-13671-6
DB2	22		52	5-13671-10
DB1	22		30	5-13671-12

PO BOX 11111

72, F172, FR172