

CHAPTER

22

AUTO FLIGHT

CESSNA®
MODEL 208
ILLUSTRATED PARTS CATALOG

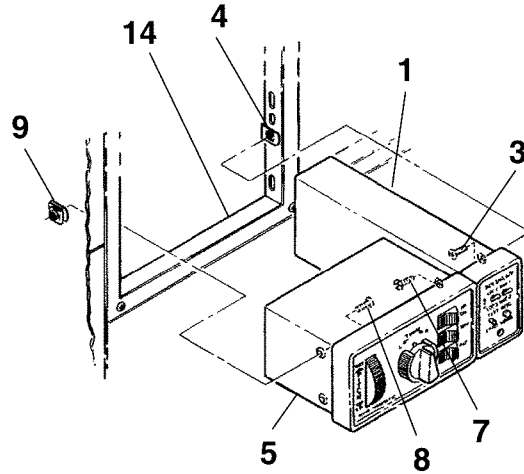
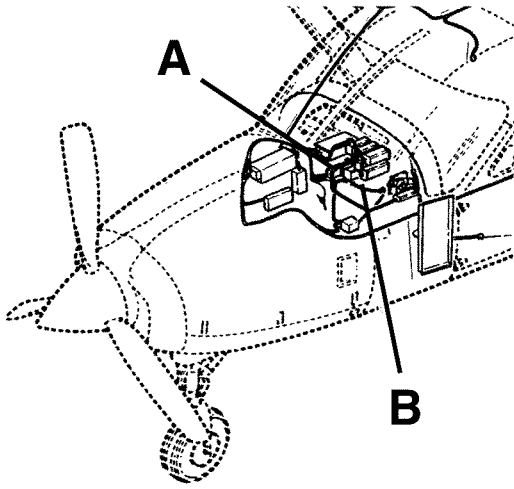
CHAPTER SECTION SUBJECT		NUMBER OF PAGES	DATE
22 - TITLE			
22 - LIST OF EFFECTIVE PAGES			
22 - RECORD OF TEMPORARY REVISIONS			
22 - TABLE OF CONTENTS			
22-10-00	Figure 01	2	Jun 1/2010
22-10-00	Figure 02	2	Mar 1/2008
22-10-01	Figure 01	4	Jun 1/2010
22-10-02	Figure 01	2	Mar 1/2020
22-10-03	Figure 01	2	Jun 1/2010
22-10-03	Figure 01A	4	Mar 1/2018
22-10-04	Figure 01	2	Jun 1/2010
22-10-04	Figure 01A	2	Mar 1/2015
22-10-05	Figure 01	4	Jun 1/2010
22-10-05	Figure 01A	2	Mar 1/2018
22-10-06	Figure 01	2	Sep 1/2019
22-10-07	Figure 01	2	Jun 1/2010
22-10-09	Figure 01	2	Jun 1/2010
22-40-00	Figure 01	2	Jun 1/2010

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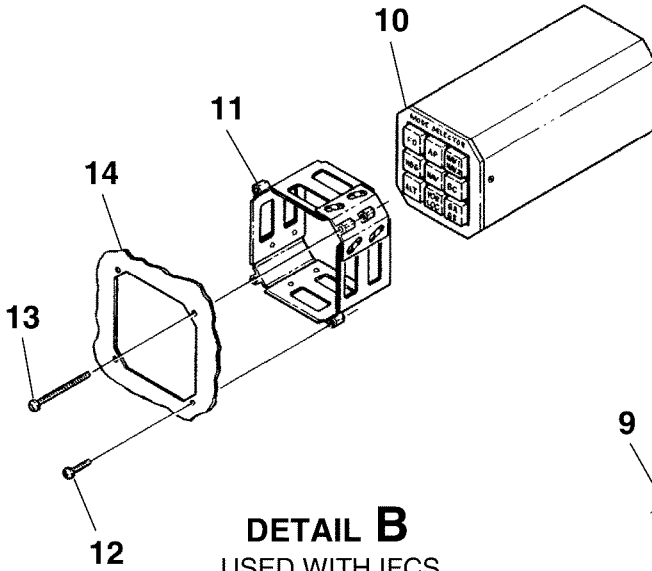
<u>SUBJECT</u>	<u>CHAPTER SECTION SUBJECT</u>	<u>FIGURE</u>	<u>EFFECTIVITY</u>	
			<u>START</u>	<u>END</u>
CONTROLLER, MODE SELECTOR AND ACCESSORY UNIT INSTALLATION	22-10-00	01	0001	0145
GMC 710 AFCS MODE CONTROLLER	22-10-00	02	0500 B2000	& ON & ON
ACCESSORY UNIT ASSEMBLIES USED WITH 400B AUTOPILOT AND IFCS	22-10-01	01	0001	0145
SLAVING ACCESSORY UNIT INSTALLATION	22-10-02	01		
ROLL SERVO AUTOPILOT INSTALLATION - KING AUTOPILOTS	22-10-03	01	0001 B0001	0499 B1999
ROLL SERVO AUTOPILOT INSTALLATION	22-10-03	01A	0500 B2000	& ON & ON
PITCH SERVO INSTALLATION - KING AUTOPILOT	22-10-04	01	0146 B0180	0499 B1999
PITCH SERVO INSTALLATION	22-10-04	01A	0500 B2000	& ON & ON
YAW DAMPER SERVO INSTALLATION	22-10-05	01	0232 B0349	0499 B1999
YAW SERVO INSTALLATION	22-10-05	01A	0500 B2000	& ON & ON
AUTOPILOT COMPUTER INSTALLATION - TYPE KC 191 AND KC 192	22-10-06	01	0146 B0180	& ON & ON
AUTOPILOT COMPUTER - KFC 225	22-10-07	01		
REMOTE ACCESSORY BOX - KING AUTOPILOT INSTALLATION	22-10-09	01	0146 B0180	& ON & ON
WARNING HORN INSTALLATION - KAP 150 AND KFC 150 AUTOPILOT	22-40-00	01	0146 B0180	& ON & ON

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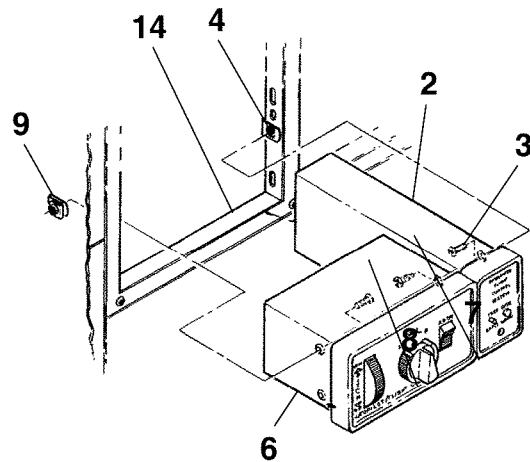
A24281



DETAIL A
 USED WITH AUTOPILOT



DETAIL B
 USED WITH IFCS



DETAIL A
 USED WITH IFCS

2660R2001
 A2663R3001
 B2663R3001

CONTROLLER, MODE SELECTOR AND ACCESSORY UNIT INSTALLATION
 FIGURE 01 (SHEET 1)

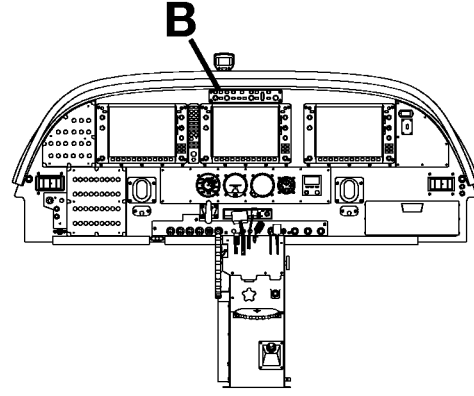
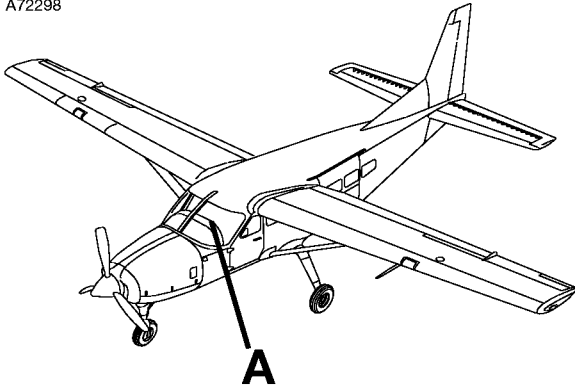
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FIG ITEM	PART NUMBER	NOMENCLATURE	UNITS		
			PER	ASSY	
		1 2 3 4 5 6 7			
01		CONTROLLER, MODE SELECTOR AND ACCESSORY UNIT INSTALLATION	0001	0145	RF
-		. ACCESSORY UNIT ASSY-AUTOPILOT REFER TO 22-10-01 FIGURE 01			RF
1		. ACCESSORY UNIT ASSY-IFCS REFER TO 22-10-01 FIGURE 01			RF
2		. ATTACHING PARTS			
3	MS24693-S26	. SCREW			02
4	S1477-06	. NUT			02
		—*—			
5	37960-1128	. CONTROLLER-AUTOPILOT	V86887		01 R
6	41090-1128	. CONTROLLER-IFCS			01 R
		. ATTACHING PARTS			
7	S1022Z4-6	. SCREW			02
8	MS24693-S26	. SCREW			02
9	S1477-06	. NUT			02
		—*—			
10	42710-0000	. MODE SELECTOR-IFCS			01 R
11	S2545C1	. CLAMP ASSY MODE SELECTOR ATTACH			01
12	MS35206-232	. SCREW			02
13	AN515-8R28	. SCREW			02
14		. INSTRUMENT PANEL ASSY REFER TO 53-22-01 FIGURE 01			RF

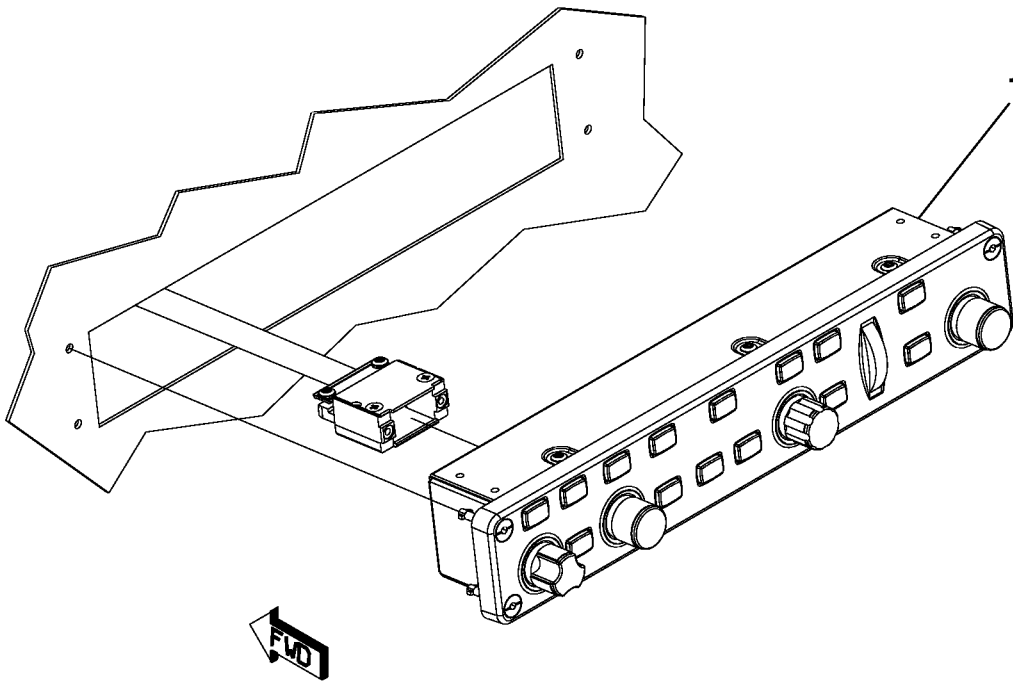
- ITEM NOT ILLUSTRATED

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A72298



DETAIL A



DETAIL B

GMC 710 AFCS MODE CONTROLLER
FIGURE 02 (SHEET 1)

2610T7002
A26181419A
B26181124

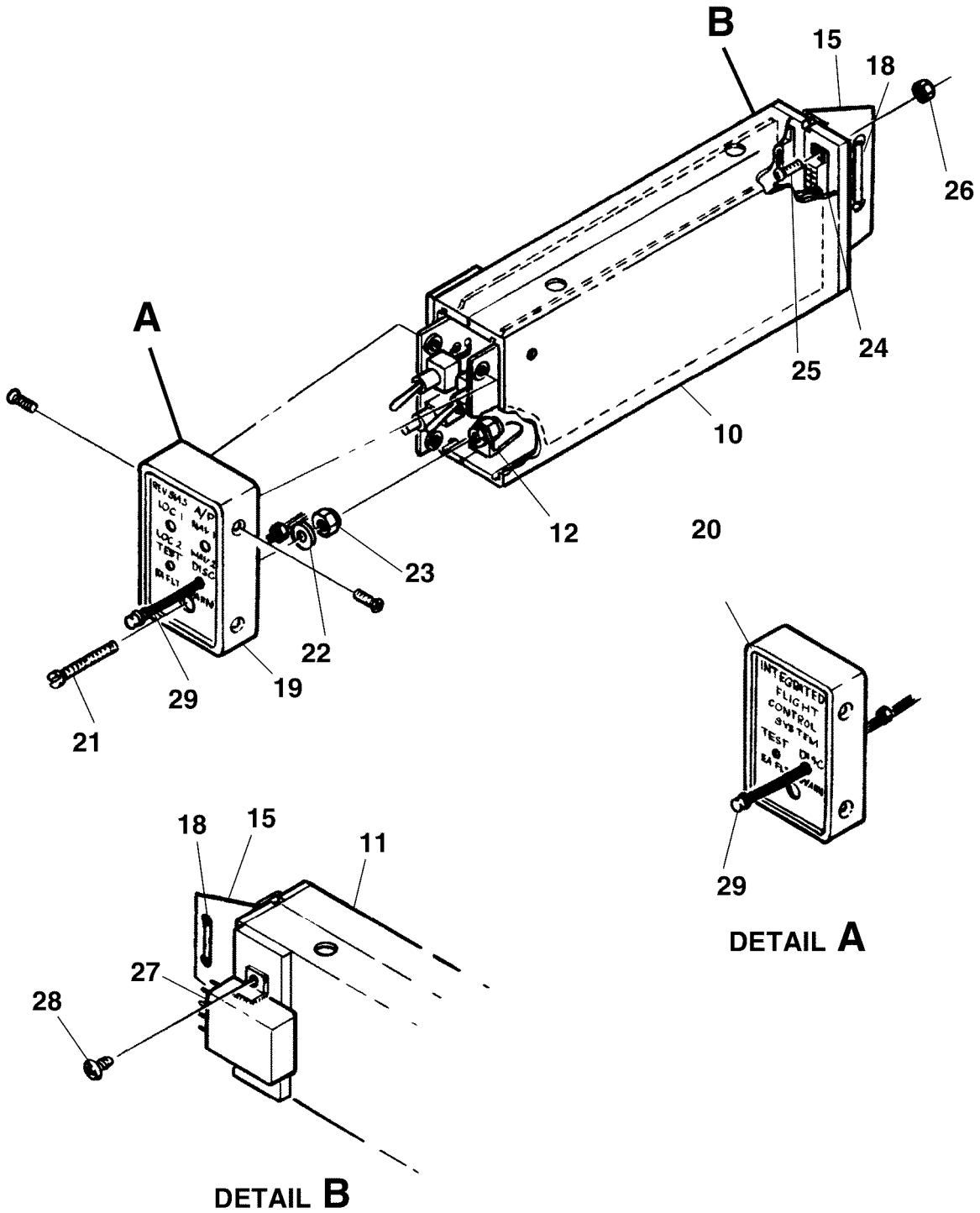
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FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY		
02						
-			GMC 710 AFCS MODE CONTROLLER	0500	& ON	RF R
				B2000	& ON	
1	011-01020-10		. AFCS MODE CONTROLLER V0TRC3			01 R

- ITEM NOT ILLUSTRATED

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A24284



ACCESSORY UNIT ASSEMBLIES USED WITH 400B AUTOPILOT AND IFCS
 FIGURE 01 (SHEET 1)

26181233
 A26181233
 B26181233

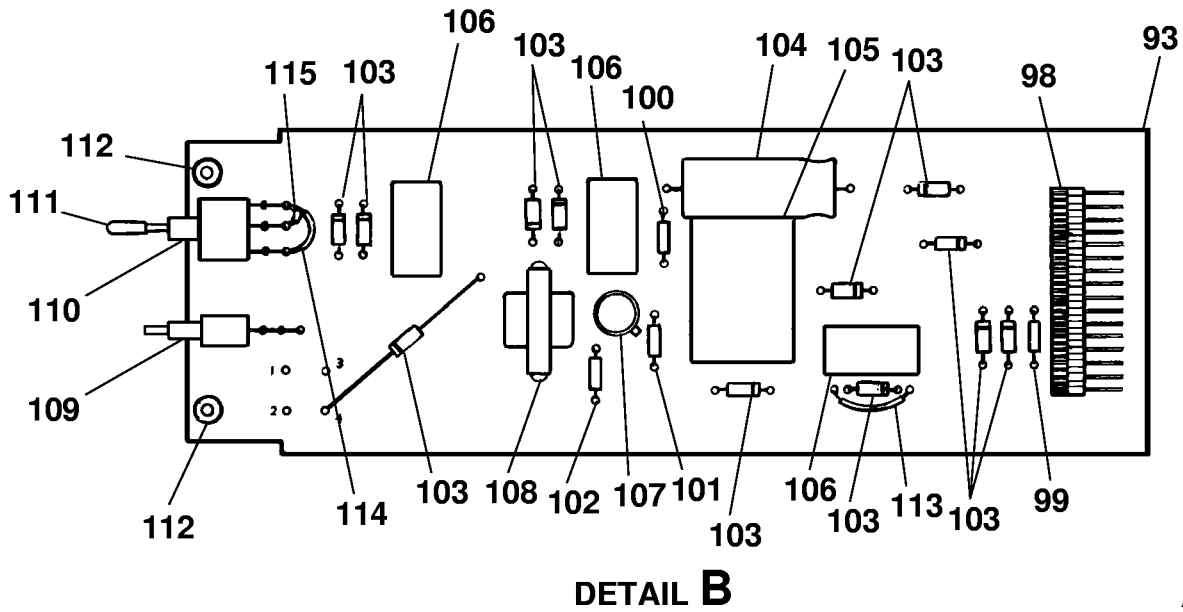
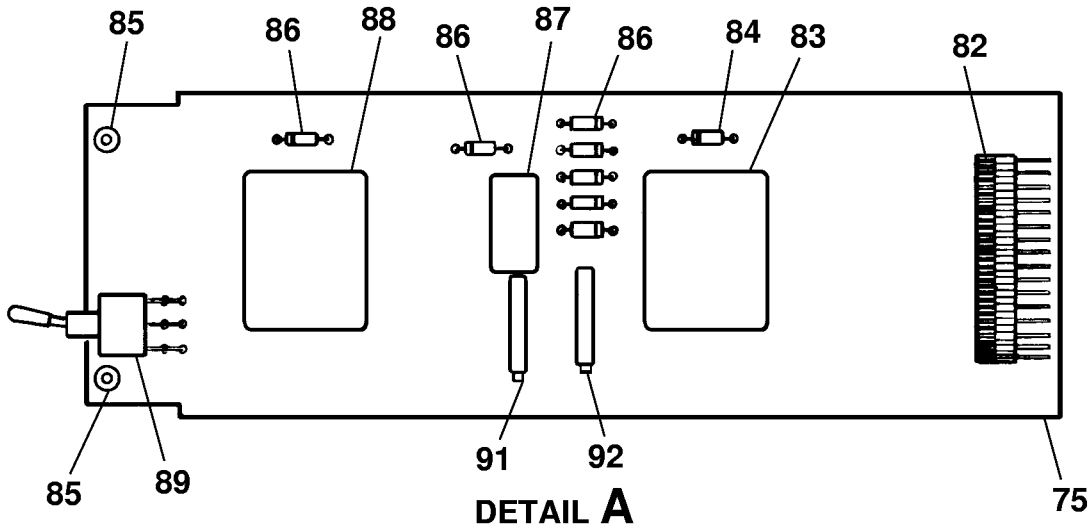
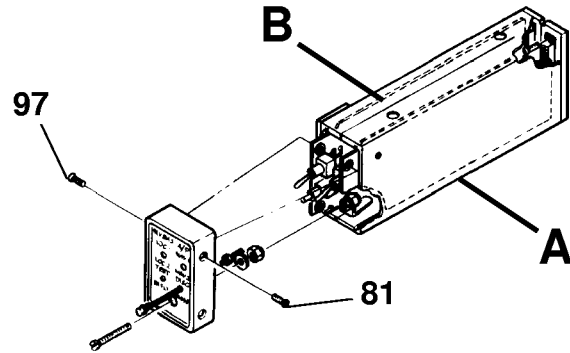
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MODEL 208
 ILLUSTRATED PARTS CATALOG

FIG ITEM	PART NUMBER	NOMENCLATURE	UNITS PER ASSY		
			1	2	3
01		ACCESSORY UNIT ASSEMBLIES USED WITH 400B AUTOPILOT AND IFCS	0001	0145	RF
-		ACCESSORY UNIT ASSY USED WITH SPERRY RADIO AUTOPILOT W/O			01
- 1	1270851-18	COURSE DATUM			01
- 2	1270851-19	ACCESSORY UNIT ASSY USED WITH SPERRY RADIO AUTOPILOT W/SLAVED DIRECTIONAL GYRO			01
- 3	1270851-20	ACCESSORY UNIT ASSY USED WITH SPERRY RADIO AUTOPILOT W/SLAVED HSI			01
- 4	1270851-22	ACCESSORY UNIT ASSY USED WITH SPERRY RADIO AUTOPILOT W/SLAVED DIRECTIONAL GYRO AND DUAL GLIDESLOPE			01
- 5	1270851-23	ACCESSORY UNIT ASSY USED WITH SPERRY RADIO AUTOPILOT W/SLAVED HSI AND DUAL GLIDESLOPE			01
- 6	1270851-21	ACCESSORY UNIT ASSY USED WITH SPERRY RADIO IFCS			01
- 7	1270851-25	ACCESSORY UNIT ASSY USED WITH KING RADIO AUTOPILOT W/HSI			01
- 8	1270851-17	ACCESSORY UNIT ASSY USED WITH KING RADIO AUTOPILOT W/SLAVED DIRECTIONAL GYRO			01
- 9	1270851-24	ACCESSORY UNIT ASSY USED WITH KING RADIO IFCS			01
10	1270817-1	DUST COVER ASSY USED WITH 1270851-18, -19, -20, -21, -22, -23 AND -25			01
11	1270817-4	DUST COVER ASSY USED WITH 1270851-17 AND -24 ONLY			01
12	AN256-6	NUTPLATE ASSY			01
		ATTACHING PARTS			
- 13	MS35190-212	SCREW			02
- 14	AN340-2	NUT			02
		—*—			
15	1270877-1	BRACKET-STRAIN RELIEF			01
		ATTACHING PARTS			
- 16	MS35206-216	SCREW			02
- 17	MS21044N04	NUT			02
		—*—			
18	S2209-1	TIE			01
19	1270839-7	BEZEL ASSY-AUTOPILOT USED WITH 1270851-17, -18, -19, -20, -22, -23, AND -25			01
20	1270839-8	BEZEL ASSY-IFCS USED WITH 1270851-21 AND -24 ONLY			01
		ATTACHING PARTS			
21	AN500-6-18	SCREW			01
22	NAS1149FN616P	WASHER			01 R
23	MS20365-632C	NUT			01
		—*—			
24	87792-1	CONNECTOR			02
		ATTACHING PARTS			
25	MS35190-216	SCREW			02
26	AN340-2	NUT			02
		—*—			
27	2T-4687	RELAY USED ON 1270851-17 AND -24 ONLY			01
		ATTACHING PARTS			
28	S1021Z6-4	SCREW			02
		—*—			
29	6038-001-704	LIGHT-AMBER	V71744		01
- 30	1055A-F59STD3	LIGHT ALTERNATE	V08717		AR

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A24285



26181233
 A26181237
 B26181238

ACCESSORY UNIT ASSEMBLIES USED WITH 400B AUTOPILOT AND IFCS
 FIGURE 01 (SHEET 2)

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FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS
				PER ASSY
01				
75	1270848-1		CIRCUIT BD ASSY-USED W/1270851-18	01
- 76	1270848-2		CIRCUIT BD ASSY-USED W/1270851-17 AND -19	01
- 77	1270848-3		CIRCUIT BD ASSY-USED W/1270851-20 AND -25	01
- 78	1270848-4		CIRCUIT BD ASSY-USED W/1270851-21 AND -24	01
- 79	1270848-6		CIRCUIT BD ASSY-USED W/1270851-22	01
- 80	1270848-7		CIRCUIT BD ASSY-USED W/1270851-23	01
			ATTACHING PARTS	
81	MS24693-S6		SCREW	02

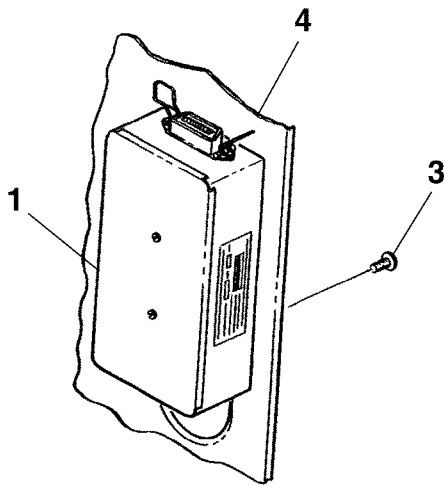
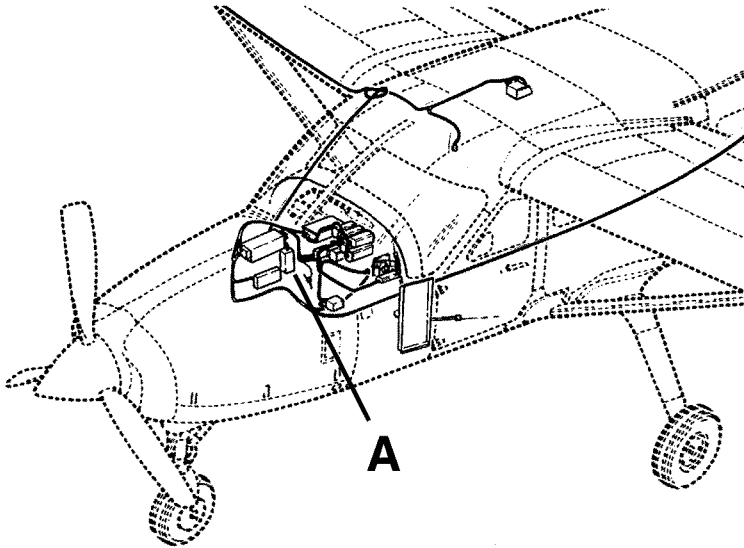
82	1-87230-6		CONNECTOR	01
83	S2451-1		RELAY	01
84	IN2070		DIODE	01
85	KF2-440		NUT	02
86	IN2070		DIODE-USED ON 1270848-1, -2, -3, -5, -6, -7	07
87	S2412-1		RELAY-USED ON 1270848-1, -2, -3	01
88	S2451-1		RELAY-USED ON 1270848-1, -2, -3, -5, -6, -7	01
89	7201AS		SWITCH-USED ON 1270848-1, -2, -3, -5, -6, -7	01
- 90	S2093-1		COVER-SWITCH HANDLE	01
91	S2440-1		POTENTIOMETER-USED ON 1270848-2 AND -6	01
92	S2440-1		POTENTIOMETER-USED ON 1270848-2, -3, -4, -6, -7	01
93	2170038-5		CIRCUIT BD ASSY-USED W/1270851-17 AND -25	01
- 94	2170038-6		CIRCUIT BD ASSY-USED W/1270851-24	01
- 95	2170038-3		CIRCUIT BD ASSY-USED W/1270851-18, -19, -20, -22, AND -23	01
- 96	2170038-4		CIRCUIT BD ASSY-USED W/1270851-21	01
			ATTACHING PARTS	
97	MS24693-S6		SCREW	02

98	1-87230-6		CONNECTOR	01
99	RLR20C2001FR		RESISTOR	01
100	S2000B471J		RESISTOR	01
101	S2000B822J		RESISTOR	01
102	S2000B181J		RESISTOR	01
103	IN2070		DIODE	12
104	TVA1312		CAPACITOR	01
105	S2451-1		RELAY	01
106	S2412-1		RELAY	03
107	2N2053		TRANSISTOR	01
108	85A31		TRANSFORMER	01
109	8121AV2		SWITCH	01
110	7203AS		SWITCH-USED ON 2170038	01
111	S2093-6		COVER-USED W/7203AS	01
112	KF2-440		NUT	02
113			JUMPER-22GA-USED ON 2170038-3 AND -5	RF
114			JUMPER-22GA-USED ON 2170038-3 ONLY	RF
115			JUMPER-22GA-USED ON 2170038-2 ONLY	RF

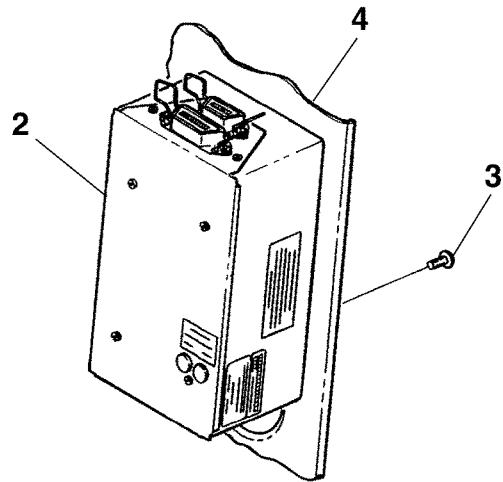
- ITEM NOT ILLUSTRATED

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A24287



DETAIL A
WITHOUT COURSE DATUM
USED WITH 300 NAV/COM ONLY



DETAIL A
WITH COURSE DATUM

26183008
A26181200
A26181201

SLAVING ACCESSORY UNIT INSTALLATION
FIGURE 01 (SHEET 1)

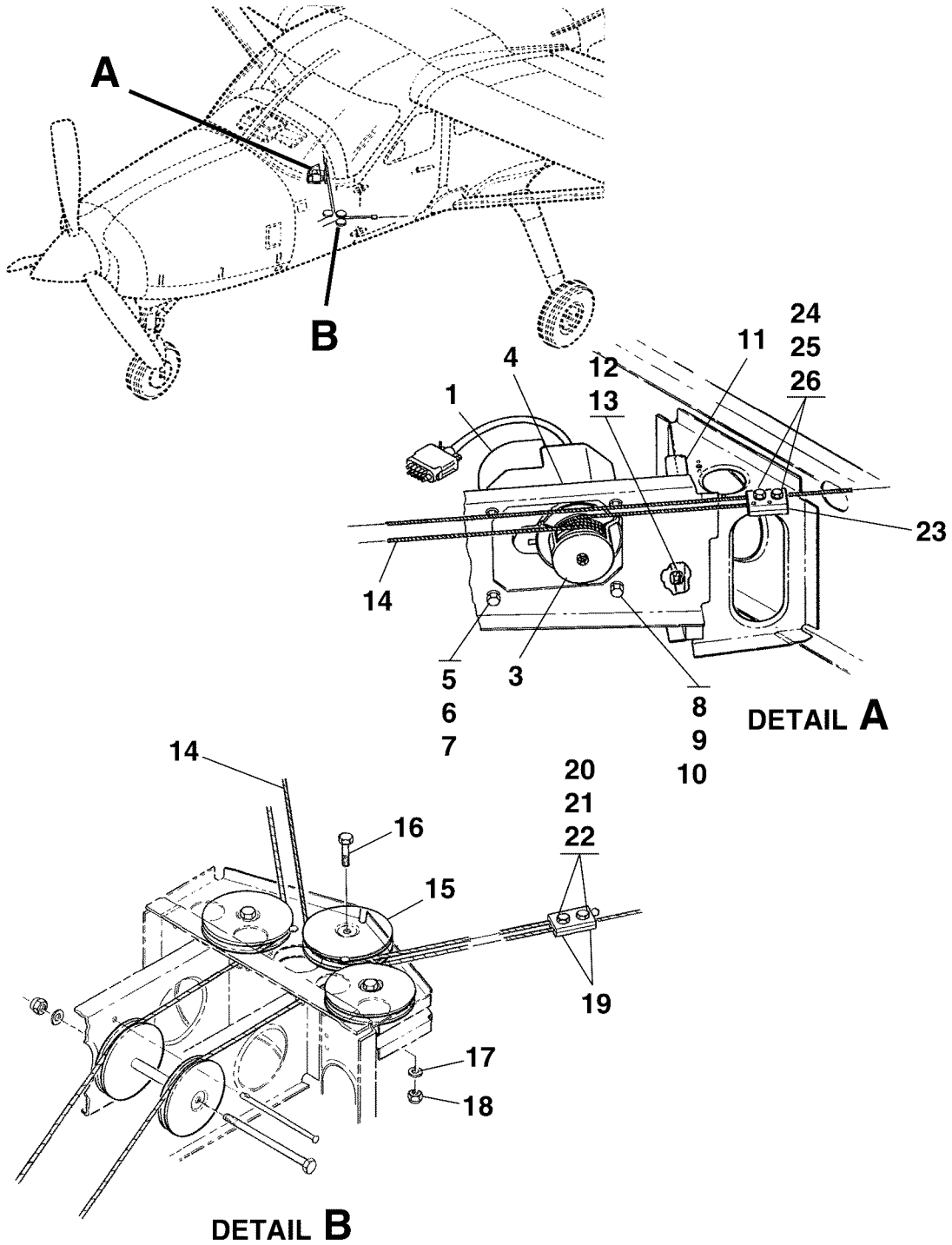
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MODEL 208
 ILLUSTRATED PARTS CATALOG

FIG ITEM	PART NUMBER	NOMENCLATURE							UNITS PER ASSY			
		1	2	3	4	5	6	7				
01		SLAVING ACCESSORY UNIT INSTALLATION										RF R
-		. SLAVING ACCESSORY UNIT (TYPE SA-832A) USED W/400B AUTOPILOT							0001	0145		01
1	44720-0001	. W/300 NAV/COM ONLY										
2	44720-0001	. SLAVING ACCESSORY UNIT (TYPE SA-832B) WITH COURSE DATUM							0001	0145		01
		ATTACHING PARTS										
3	MS35206-230	. SCREW										03
		—*—										
4		. AVIONICS MOUNTING PLATE REFER TO 25-70-00 FIGURE 01										RF
-	071-1242-06	. SLAVING ACCESSORY (KA51B) BLACK 28V VERTICAL FACEPLATE V22373							0007	0199		01 R
									B0001	B0179		
		ATTACHING PARTS										
-	MS24693-BB5	. SCREW										02
		—*—										

- ITEM NOT ILLUSTRATED

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A24288



XXXXTXXXX

ROLL SERVO AUTOPILOT INSTALLATION - KING AUTOPILOTS
 FIGURE 01 (SHEET 1)

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FIG ITEM	PART NUMBER	NOMENCLATURE	UNITS PER ASSY		
			1	2	3
01		ROLL SERVO AUTOPILOT INSTALLATION - KING AUTOPILOTS	0001	0499	RF R
-			B0001	B1999	
1	065-00060-0001	SERVO-ROLL (TYPE KS 271A) REFER TO NOTE 1			01
- 2	065-00179-0100	SERVO-ROLL/C182 (TYPE KS271C) REFER TO NOTE 2 FSO S3100-425	0332	0381	NP
- 2A	S3100-348	SERVO-ROLL (TYPE KS-271C) VENDOR # 065-00179-0100 (MOD 9 & ON) REFER TO NOTE 2 FSO S3100-425	B0798	B1089	
- 2B	S3100-425	SERVO-ROLL (TYPE KS-271C) VENDOR # 065-00179-0100 (MOD 10 & ON) REFER TO NOTE 2	0382	0401	NP
3	065-0030-00	SERVO-MOUNT (TYPE KM 275) REFER TO NOTE 3	B1090	B1184	
4	047-8038-01	ROLL SERVO BRACKET REFER TO NOTE 3	0402	0499	01 R
5	AN3-5A	BOLT	B1185	B1999	
6	NAS1149F0363P	WASHER			01
7	MS21044N3	NUT			01
8	AN3-6A	BOLT			02
9	NAS1149F0363P	WASHER			02
10	MS21044N3	NUT			04
11	047-7084-01	ROLL BRACKET SUPPORT REFER TO NOTE 3			02
12	NAS1149F0363P	WASHER			01
13	AN3-3A	BOLT			02
14	200-4252-00	BRIDLE CABLE REFER TO NOTE 3			01
15	S378-4	PULLEY			01
16	AN4-10A	BOLT			01
17	NAS1149F0463P	WASHER			02
18	MS21044N4	NUT			01
19	047-8037-01	CLAMP REFER TO NOTE 3			02
20	AN3-6A	BOLT			02
21	NAS1149F0363P	WASHER			04
22	MS21044N3	NUT			02
23	047-4976-01	CLAMP REFER TO NOTE 3			01
24	AN3-6A	BOLT			02
25	NAS1149F0363P	WASHER			04
26	MS21044N3	NUT			02

NOTE 1—USED WITH KAP 150 AND KFC 150 AUTOPILOT SYSTEMS.

NOTE 2—USED WITH KFC 225 AUTOPILOT SYSTEM.

NOTE 3—SUPPLIED AS PART OF KING KIT 050-2568-04

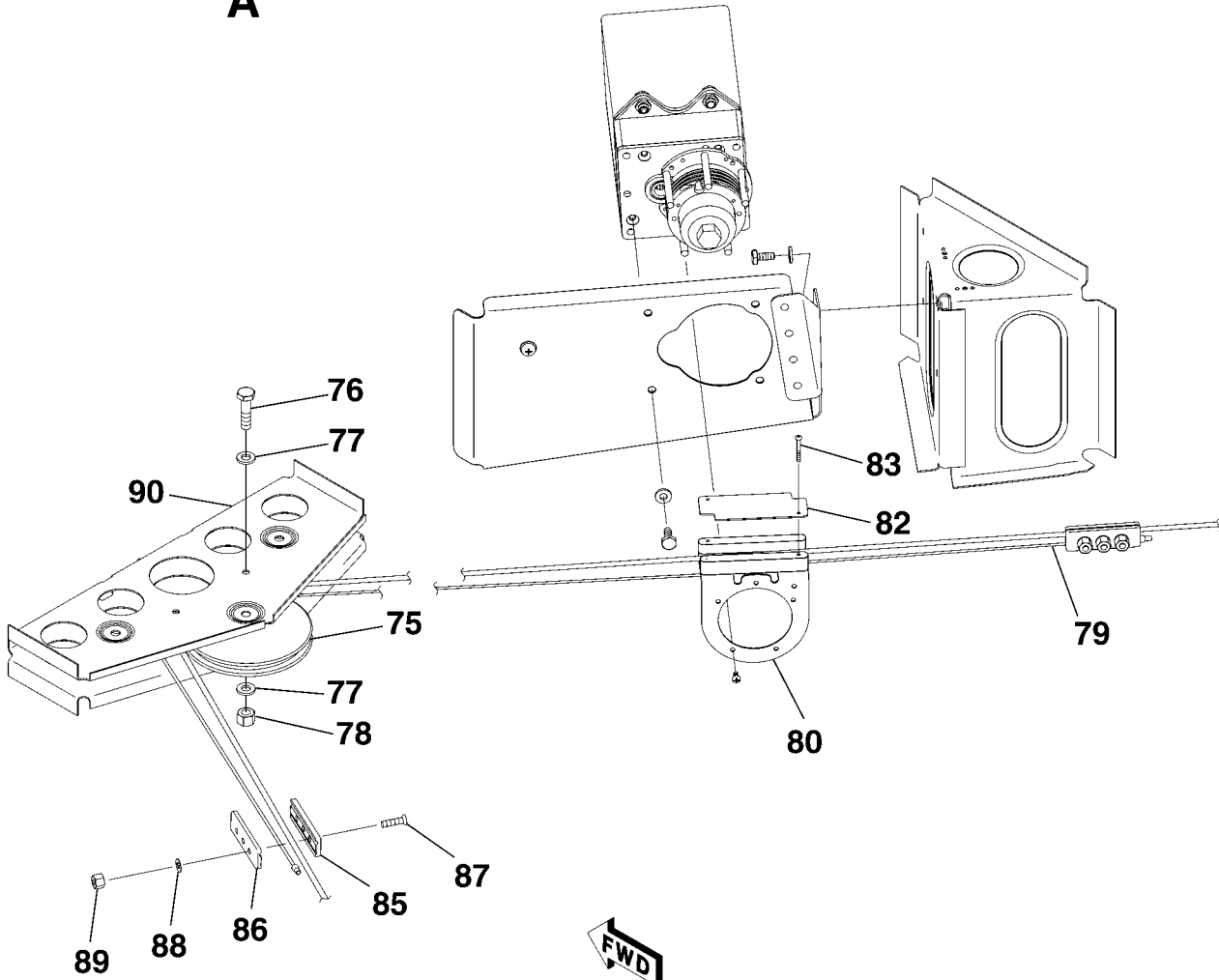
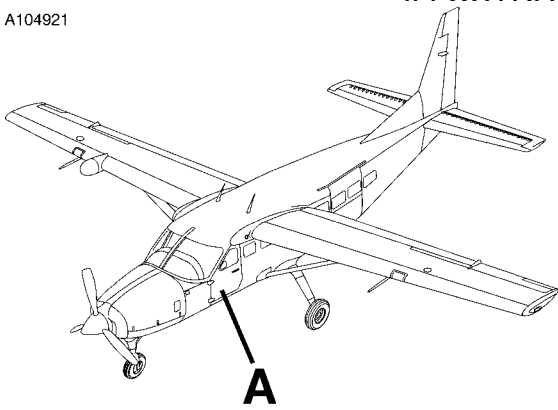
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FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY		
01A			ROLL SERVO AUTOPILOT INSTALLATION	0500	& ON	RF
-				B2000	& ON	
- 1	3910328-15		. GSA 80 ROLL SERVO ATTACHING PARTS			01
2	AN3-4A		. BOLT			08
3	NAS1149F0332P		. WASHER			04
4	NAS1149F0363P		. WASHER *—			04
5	S3100-490		. . GSA-80 TORQUE SERVO	0500	0564	01 R
- 5A	011-00877-20		. . GSA-80 TORQUE SERVO	B2000	B4999	
6	011-01436-02		. . GSM-85A SERVO MOUNT	0565	& ON	01 R
- 6A	011-02490-04		. . GSM 86 SERVO MOUNT	B5000	& ON	
7	011-01028-04		. . SPIRAL CAPSTAN	0500	0564	01 R
- 7A	011-01028-05		. . COVER KIT	B2000	B4999	
- 8	011-01028-09		. . STANDOFF KIT	0565	& ON	01 R
9	2670146-27		. ROLL SERVO BRACKET	B5000	& ON	
- 9A	2670146-47		. ROLL SERVO BRACKET	0500	0836	01
10	2670146-28		. ROLL SERVO BRACKET CLIP	B2000	B2344	
- 10A	2670146-48		. ROLL SERVO BRACKET CLIP	0537	& ON	01
			ATTACHING PARTS	B2345	& ON	
11	AN3-3A		. BOLT			02
12	NAS1149F0363P		. WASHER *—			02
13	2601005-1		. BRACKET ASSY			01
14	NAS697A3		. . NUTPLATE			04
15	MS21069L04		. . NUTPLATE			02
16	6518009-2		. GROUND STUD GS002			01

- ITEM NOT ILLUSTRATED

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A104921



DETAIL A

ROLL SERVO AUTOPILOT INSTALLATION
FIGURE 01A (SHEET 2)

2610T7005
A2615T1045

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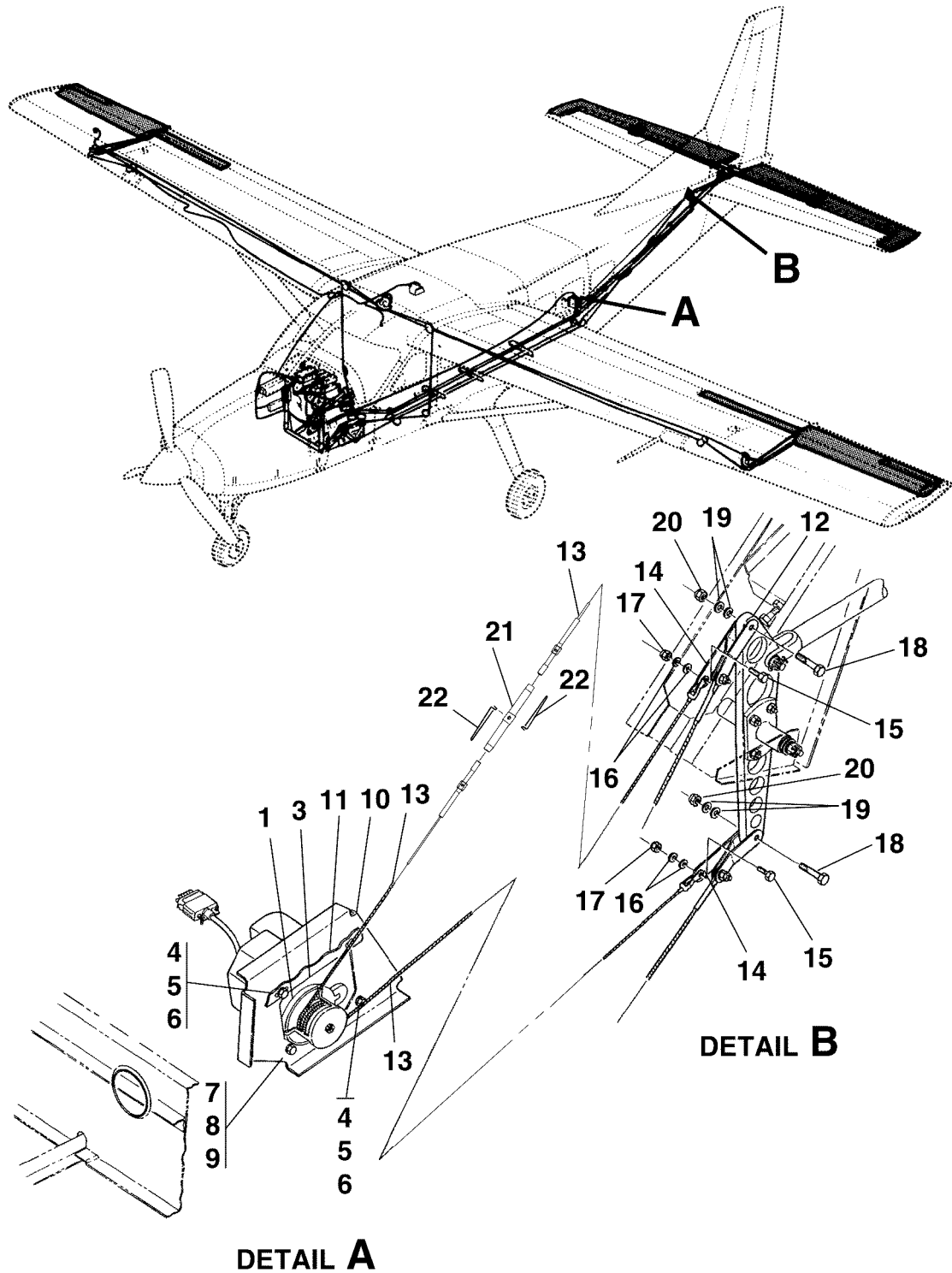
FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY	
01A					
75	S378-4	.	PULLEY		01
		.	ATTACHING PARTS		
76	AN4-10A	.	BOLT		01
77	NAS1149F0463P	.	WASHER		02
78	MS21044N4	.	NUT		01
		—*—			
79	2670146-15	.	CABLE ASSY-ROLL AUTOPILOT		01
80	2670146-43	.	GUARD-FAIRLEAD ASSY	0500 0523	01
				B2000 B2230	
- 80A	2670146-45	.	GUARD-FAIRLEAD ASSY	0524 & ON	01
				B2231 & ON	
- 81	MS21069L02	.	NUTPLATE REFER TO NOTE 1	0524 & ON	02
				B2231 & ON	
82	2670146-49	.	COVER-FAIRLEAD REFER TO NOTE 1	0524 & ON	01
				B2231 & ON	
- 82A	DDA06044-01	.	COVER-FAIRLEAD REF 3940469	0514 0514	01
				0516 0523	
				B2090 B2090	
				B2168 B2230	
			ATTACHING PARTS		
83	MS35206-209	.	SCREW REFER TO NOTE 1	0514 0514	02
				0516 & ON	
				B2090 B2090	
				B2168 & ON	
- 84	MS21042-02	.	NUT	0514 0514	02
				0516 0523	
				B2090 B2090	
				B2168 B2230	
		—*—			
85	7060201-9	.	CLAMP BLOCK HALF	0500 0527	02
				B2000 B2263	
- 85A	2661010-1	.	CLAMP BLOCK HALF	0528 & ON	02
				B2264 & ON	
86	7060201-10	.	CLAMP BLOCK HALF	0500 0527	02
				B2000 B2263	
- 86A	2661010-2	.	CLAMP BLOCK HALF	0528 & ON	02
				B2264 & ON	
			ATTACHING PARTS		
87	MS24671-13	.	SCREW	0500 0527	03
				B2000 B2263	
- 87A	MS24694-C7	.	SCREW	0528 & ON	03
				B2264 & ON	
88	NAS1149FN816P	.	WASHER	0528 & ON	03
				B2264 & ON	
89	MS21044N08	.	NUT	0528 & ON	03
				B2264 & ON	
		—*—			
90		.	PULLEY BRACKET REFER TO 53-11-00 FIGURE 01		RF

NOTE 1—ALSO FOR AIRPLANES -0500 THRU -0513, -0515 THRU -0517, -B2000 THRU -B2089, AND -B2091 THRU -B2167 INCORPORATING CAB10-9

R

CESSNA®
MODEL 208
 ILLUSTRATED PARTS CATALOG

A24291



PITCH SERVO INSTALLATION - KING AUTOPILOT
 FIGURE 01 (SHEET 1)

2660R2001
 A2663R3001
 B2663R3001

CESSNA®
MODEL 208
 ILLUSTRATED PARTS CATALOG

FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY		
01			PITCH SERVO INSTALLATION - KING AUTOPILOT	0146	0499	RF R
-				B0180	B1999	
1	065-0059-01		. PITCH SERVO (TYPE KS 270A) REFER TO NOTE 1	0146	0331	01 R
				B0180	B0874	
- 1A	065-00059-0001		. PITCH SERVO (TYPE KS 270A) REFER TO NOTE 1	0146	0331	01 R
				B0180	B0874	
- 2	065-00178-2200		. PITCH SERVO (TYPE KS 270C) REFER TO NOTE 2 FSO S3100-426	0332	0381	NP R
				B0875	B1089	
- 2A	S3100-347		. KS-270C PITCH SERVO VENDOR NO. 065-00178-2200 (MOD 8 & ON) REFER TO NOTE 2 FSO S3100-426	0382	0401	NP
				B1090	B1184	
- 2B	S3100-426		. KS-270C PITCH SERVO VENDOR NO. 065-00178-2200 (MOD 9 & ON) REFER TO NOTE 2	0402	0499	01 R
				B1185	B1999	
3	065-00030-0000		. MOUNT-PITCH SERVO (TYPE KM275)			01
4	AN3-6A		. BOLT			02
5	NAS1149F0363P		. WASHER			04
6	MS21044N3		. NUT			02
7	AN3-5A		. BOLT			02
8	NAS1149F0363P		. WASHER			04
9	MS21044N3		. NUT			02
10	047-8035-01		. PITCH SERVO BRACKET REFER TO NOTE 3			01
11	047-8036-01		. PITCH SERVO GUSSET REFER TO NOTE 3			01
12			. ELEVATOR BELLCRANK REFER TO 27-30-01 FIGURE 01			RF
13	200-4253-00		. BRIDLE CABLE REFER TO NOTE 3			01
14	2624015-3		. LINK			02
15	AN3-5A		. BOLT			02
16	NAS1149F0363P		. WASHER			04
17	MS21044N3		. NUT			02
18	AN4-12A		. BOLT			02
19	NAS1149F0463P		. WASHER			04
20	MS21044N4		. NUT			02
21			. TURNBUCKLE SUPPLIED WITH 200-4253-00			RF
22	MS21256-2		. CLIP			02

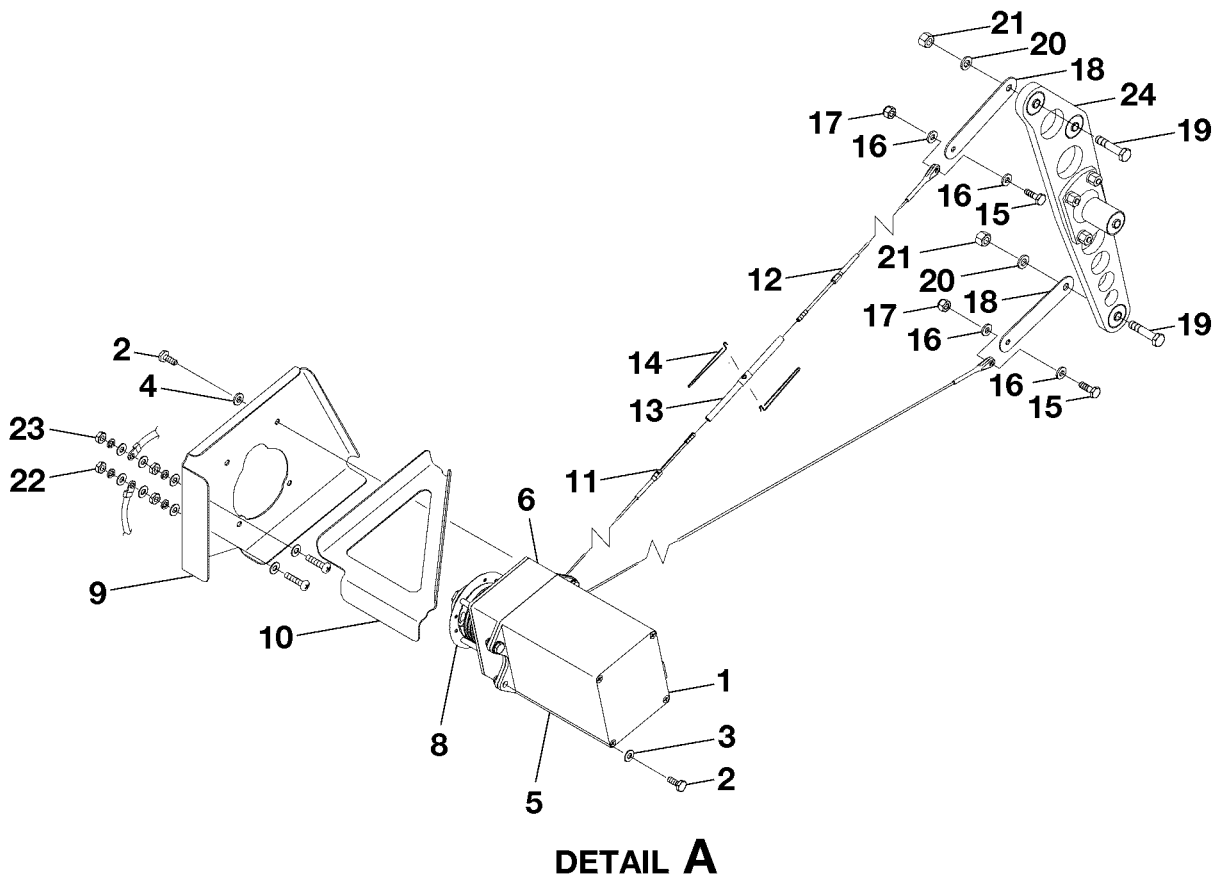
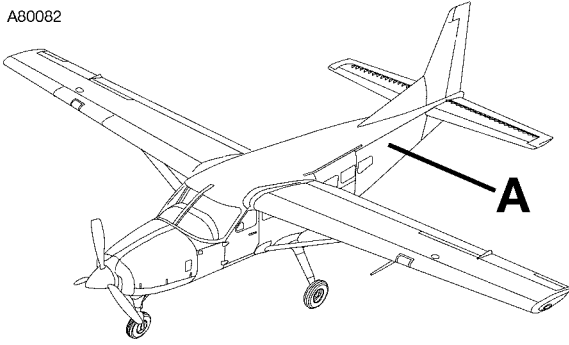
NOTE 1—USED WITH KAP 150 AND KFC 150 AUTOPILOT SYSTEMS.

NOTE 2—USED WITH KFC 225 AUTOPILOT SYSTEM.

NOTE 3—SUPPLIED AS PART OF KING KIT 050-2568-05.

CESSNA®
MODEL 208
ILLUSTRATED PARTS CATALOG

A80082



DETAIL A

2610T7002
A2663T1026

PITCH SERVO INSTALLATION
FIGURE 01A (SHEET 1)

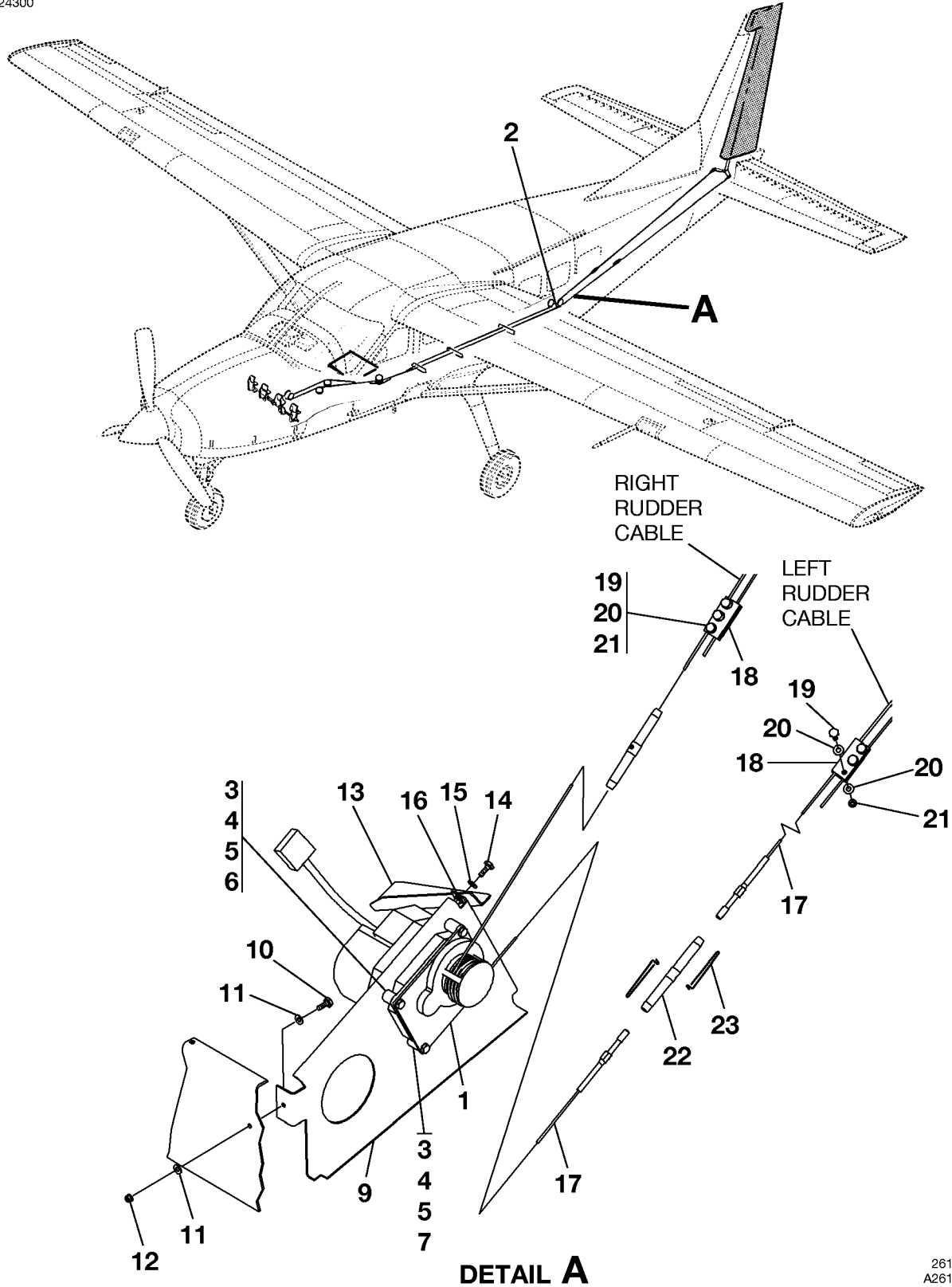
CESSNA®
MODEL 208
ILLUSTRATED PARTS CATALOG

FIG ITEM	PART NUMBER	NOMENCLATURE	UNITS PER ASSY		
			1	2	3
01A		PITCH SERVO INSTALLATION			
-			0500	& ON	RF
			B2000	& ON	
1	3910328-12	. GSA 81 PITCH SERVO			01
		. ATTACHING PARTS			
2	AN3-4A	. BOLT			08
3	NAS1149F0332P	. WASHER			04
4	NAS1149F0363P	. WASHER			04
		—*—			
5	011-00878-10	. . GSA-81 TORQUE SERVO	V0TRC3 0500	0564	01 R
			B2000	B4999	
- 5A	011-00878-20	. . GSA-81 TORQUE SERVO	V0TRC3 0565	& ON	01 R
			B5000	& ON	
6	011-01436-02	. . GSM-85A SERVO MOUNT	V0TRC3 0500	0564	01 R
			B2000	B4999	
- 6A	011-02490-04	. . GSM-85A SERVO MOUNT	V0TRC3 0565	& ON	01 R
			B5000	& ON	
- 7	011-01028-04	. . SPIRAL CAPSTAN	V0TRC3 0500	0564	01 R
			B2000	B4999	
8	011-01028-05	. . COVER KIT	V0TRC3 0500	0564	01 R
			B2000	B4999	
- 8A	011-01028-09	. . STANDOFF KIT	V0TRC3 0565	& ON	01 R
			B5000	& ON	
9	2670146-26	. PITCH SERVO BRACKET			01
10	2670146-23	. GUSSET			01
11	2670146-20	. CABLE ASSY-PITCH AUTOPILOT			01
12	S3966-2F42.2K	. CABLE ASSY			01
13	MS21251B2L	. TURNBUCKLE BODY			01
14	MS21256-2	. CLIP			02
15	AN3-5A	. BOLT			02
16	NAS1149F0363P	. WASHER			04
17	MS21044N3	. NUT			02
18	2624015-3	. LINK			02
		. ATTACHING PARTS			
19	AN4-12A	. BOLT			02
20	NAS1149F0463P	. WASHER			02
21	MS21044N4	. NUT			02
		—*—			
22	6518009-2	. GROUND STUD GS003			01
23	6518009-2	. GROUND STUD GS004			01
24		. ELEVATOR BELLCRANK REFER TO 27-30-01 FIGURE 01			RF

- ITEM NOT ILLUSTRATED

CESSNA®
MODEL 208
ILLUSTRATED PARTS CATALOG

A24300



DETAIL A
YAW DAMPER SERVO INSTALLATION
FIGURE 01 (SHEET 1)

2610R1004
A2614R1304

CESSNA®
MODEL 208
ILLUSTRATED PARTS CATALOG

FIG ITEM	PART NUMBER	NOMENCLATURE	UNITS PER ASSY		
			1	2	3
01		YAW DAMPER SERVO INSTALLATION	0232	0499	RF R
-			B0349	B1999	
1	065-0060-04	SERVO-YAW DAMPER (TYPE KS 271A) REFER TO NOTE 1	0232	0331	01 R
			B0349	B0874	
2	065-00179-0600	SERVO-YAW DAMPER (TYPE KS 271C) REFER TO NOTE 2 FSO	0332	0381	NP R
		S3100-350	B0875	B1089	
- 2A	S3100-350	SERVO-YAW DAMPER (TYPE KS-271C) VENDOR # 065-00179-0600 (MOD 9 & ON) REFER TO NOTE 2	0382	0499	01 R
			B1090	B1999	
3	065-00030-0000	MOUNT-SERVO (TYPE KM 275)			01
4	AN3-10A	BOLT			04
5	NAS1149F0332P	WASHER			04 R
6	MS21047L3	NUTPLATE			02
7	076-1846-03	SPACER REFER TO NOTE 3			02
- 8	076-1846-01	SPACER REFER TO NOTE 3			02
9	047-8145-02	BRACKET REFER TO NOTE 3			02
10	AN3-6A	BOLT			01
11	NAS1149F0363P	WASHER REFER TO NOTE 3			02 R
12	MS20365-1032	NUT			01
13	047-8189-01	BRACKET REFER TO NOTE 3			01
14	AN3-4A	BOLT			01
15	NAS1149F0363P	WASHER			02 R
16	MS20365-1032	NUT			01
17	200-4272-00	BRIDLE CABLE REFER TO NOTE 3			01
18	047-3538-01	CLAMP REFER TO NOTE 3			04
19	AN3-6A	BOLT			06
20	NAS1149F0363P	WASHER			12 R
21	MS20365-1032	NUT			06
22		TURNBUCKLE-SUPPLIED WITH 200-4272-00			RF
23	MS21256-2	CLIP			02

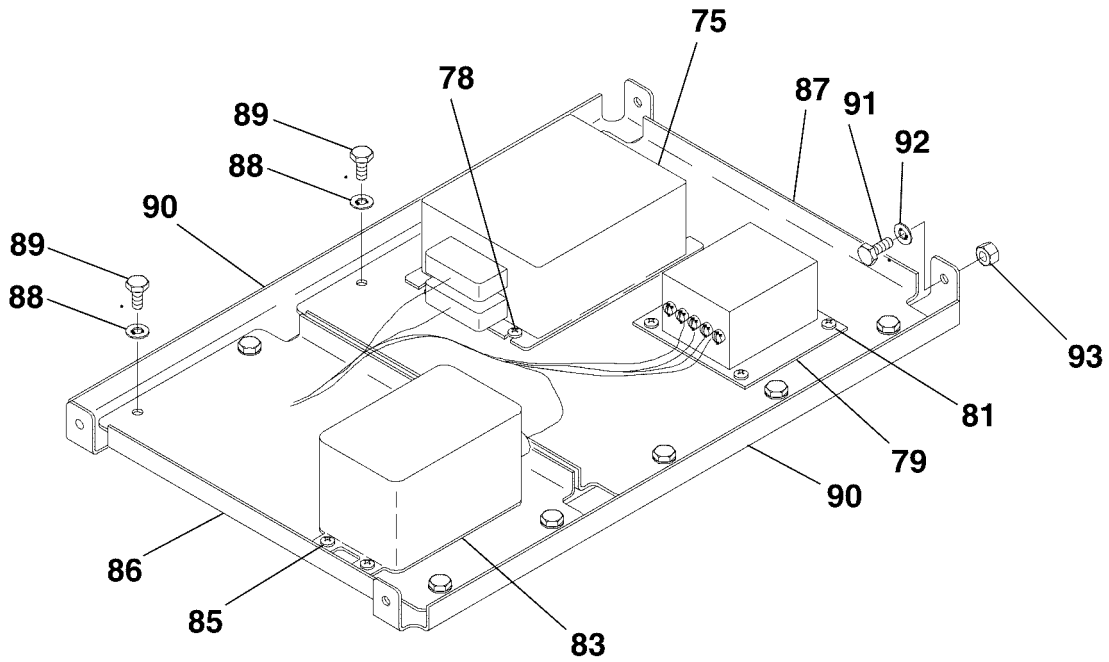
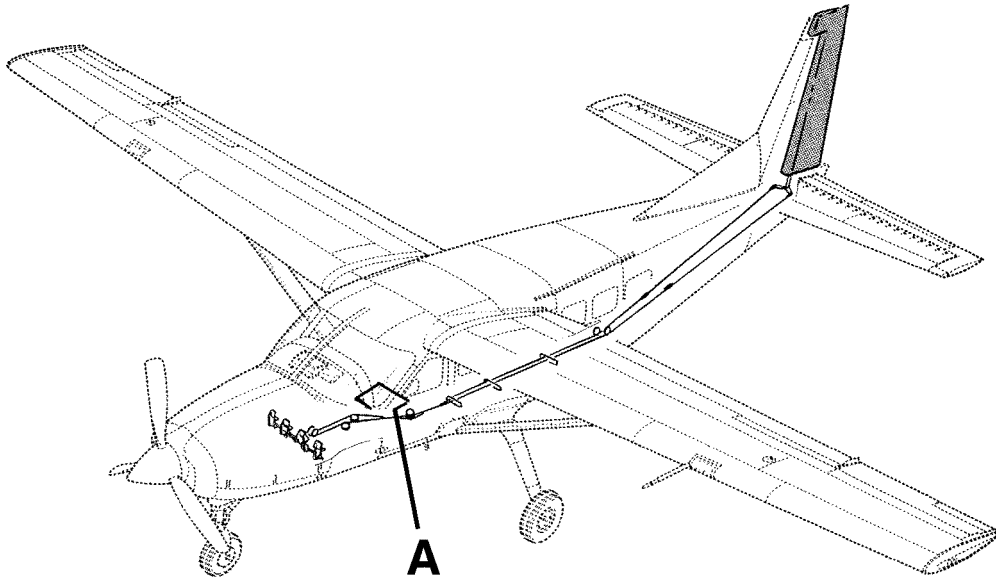
NOTE 1—USED WITH KAP 150 AND KFC 150 AUTOPILOT SYSTEMS.

NOTE 2—USED WITH KFC 225 AUTOPILOT SYSTEMS.

NOTE 3—SUPPLIED AS PART OF KING KIT 050-2614-00.

CESSNA®
MODEL 208
ILLUSTRATED PARTS CATALOG

A24304



DETAIL A

YAW DAMPER SERVO INSTALLATION
FIGURE 01 (SHEET 2)

26101004
A2618T1261

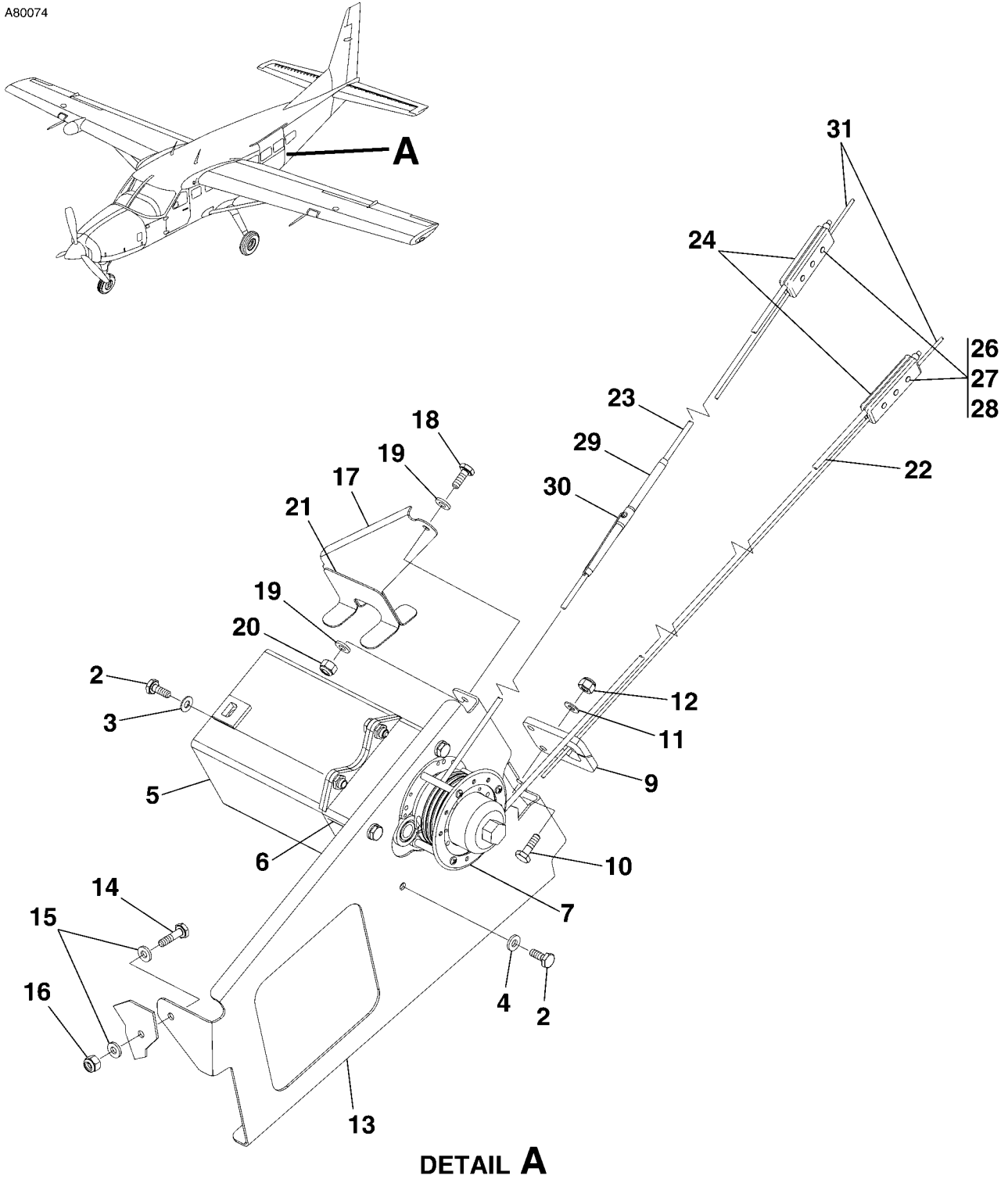
CESSNA®
MODEL 208
ILLUSTRATED PARTS CATALOG

FIG ITEM	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY		
01						
75	065-0036-01		. YAW COMPUTER (KC 296) REFER TO NOTE 1 AND NOTE 2	0232	0331	01 R
				B0349	B0874	
- 76	050-1475-00		. INSTALLATION KIT FSO 050-01475-0000 REFER TO NOTE 1	0232	0331	NP R
				B0349	B0874	
- 76A	050-01475-0000		. INSTALLATION KIT REFER TO NOTE 1	0232	0331	01 R
				B0349	B0874	
- 76B	050-00398-0000		. INSTALLATION KIT	0332	0499	01 R
				B0875	B1999	
- 77	MS21047L06		. . NUTPLATE			04
78	MS35206-228		. . SCREW			04
79	23-1100-5A		. INVERTER-SOLID STATE	0232	0234	01
				B0349	B0368	
- 80	MD26-28		. INVERTER	0235	& ON	01
				B0369	& ON	
81	MS21047L06		. . NUTPLATE			04
- 82	MS35206-228		. . SCREW			04
83	060-0024-00		. YAW RATE GYRO (TYPE KRG 331)			01
- 84	MS21047L04		. . NUTPLATE			03
85	MS35206-216		. . SCREW			03
86	047-8189-01		. FORWARD SHELF			01
87	047-8190-01		. AFT SHELF			01
88	NAS1149F0332P		. . WASHER			10 R
89	AN3-3A		. . BOLT			10
90	047-8188-02		. GYRO RAIL			02
91	AN3-4A		. . BOLT			04
92	NAS1149F0363P		. . WASHER			08 R
93	MS20365-1032		. . NUT			04

NOTE 1—USED WITH KAP 150 AND KFC 150 AUTOPILOT SYSTEMS.

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MODEL 208
ILLUSTRATED PARTS CATALOG

A80074



YAW SERVO INSTALLATION
FIGURE 01A (SHEET 1)

2610T7005
A2660T1016

CESSNA®
MODEL 208
ILLUSTRATED PARTS CATALOG

FIG ITEM	PART NUMBER	NOMENCLATURE	UNITS PER ASSY		
			1	2	3
01A		YAW SERVO INSTALLATION	0500	& ON	RF
-			B2000	& ON	
- 1	3910328-14	. GSA 80 YAW SERVO ATTACHING PARTS			01 R
2	AN3-4A	. BOLT			08
3	NAS1149F0332P	. WASHER			04
4	NAS1149F0363P	. WASHER			04
		—*—			
5	S3100-490	. GSA-80 TORQUE SERVO	0500	0564	01 R
			B2000	B4999	
- 5A	011-00877-20	. GSA-80 TORQUE SERVO	0565	& ON	01 R
			B5000	& ON	
6	011-01436-02	. GSM-85A SERVO MOUNT	0500	0564	01 R
			B2000	B4999	
- 6A	011-02490-05	. GSM 86 SERVO MOUNT	0565	& ON	01 R
			B5000	& ON	
7	011-01028-04	. SPIRAL CAPSTAN	0500	0564	01 R
			B2000	B4999	
- 7A	011-01028-05	. COVER KIT	0565	& ON	01 R
			B5000	& ON	
- 8	011-01028-09	. STANDOFF KIT	0565	& ON	01 R
			B5000	& ON	
9	2670146-25	. FAIRLEAD-YAW CABLE ATTACHING PARTS			01
10	AN3-5A	. BOLT			02
11	NAS1149F0332P	. WASHER			02
12	MS21044N3	. NUT			02
		—*—			
13	2670146-21	. YAW SERVO BRACKET ATTACHING PARTS			01
14	AN3-6A	. BOLT			01
15	NAS1149F0363P	. WASHER			02
16	MS21044N3	. NUT			01
		—*—			
17	2670146-24	. STRUT-FWD ATTACHING PARTS			01
18	AN3-4A	. BOLT			01
19	NAS1149F0363P	. WASHER			02
20	MS21044N3	. NUT			01
		—*—			
21	2670146-19	. STRUT-AFT			01
22	2670146-17	. CABLE ASSY-YAW AUTOPILOT			01
23	S3966-2K17.5Q	. CABLE ASSY			01
24	7060201-9	. CLAMP BLOCK HALF	0500	0527	02
			B2000	B2263	
- 24A	2661010-1	. CLAMP BLOCK HALF	0528	& ON	02
			B2264	& ON	
- 25	7060201-10	. CLAMP BLOCK HALF	0500	0527	02
			B2000	B2263	
- 25A	2661010-2	. CLAMP BLOCK HALF	0528	& ON	02
			B2264	& ON	
		ATTACHING PARTS			
26	MS24671-13	. SCREW	0500	0527	03
			B2000	B2263	
- 26A	MS24694-C7	. SCREW	0528	& ON	03
			B2264	& ON	
27	NAS1149FN816P	. WASHER	0528	& ON	03
			B2264	& ON	
28	MS21044N08	. NUT	0528	& ON	03
			B2264	& ON	
		—*—			
29	MS21251B2L	. TURNBUCKLE BODY-LOCKING			01
30	MS21256-2	. CLIP-REFER TO NOTE 1 AND NOTE 2			02
31		. RUDDER CONTROL CABLES REFER TO 27-20-01 FIGURE 01			RF

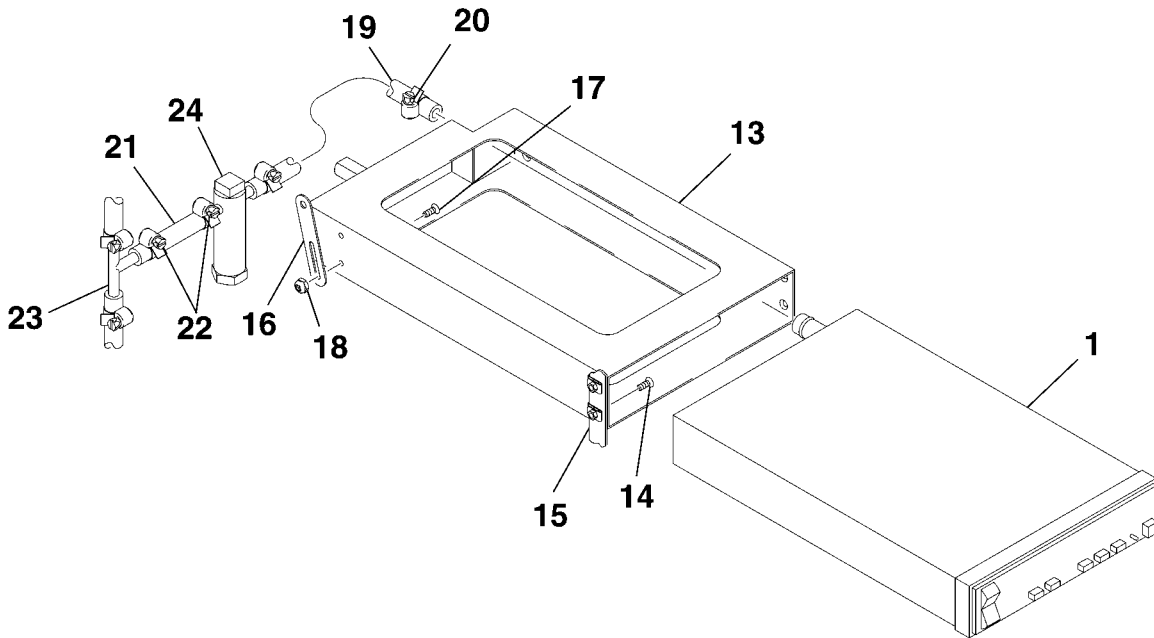
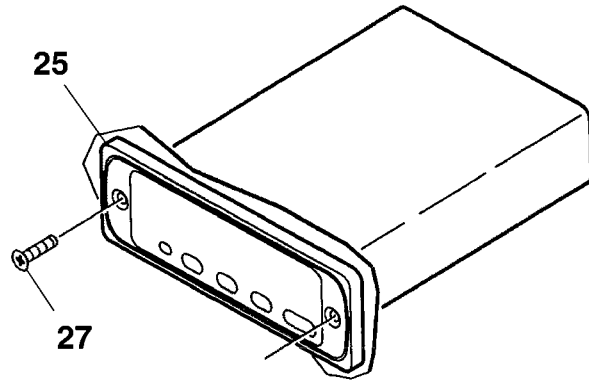
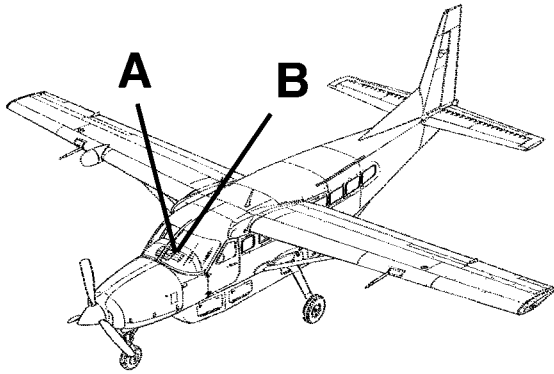
NOTE 1—AIRPLANES -0001 AND ON AND -B0001 AND ON AND AIRPLANES -0505 THRU -0516 INCORPORATING CAB11-8

NOTE 2—AIRPLANES -0001 AND ON AND -B0001 AND ON, AND AIRPLANES -0500 THRU -0504, -B1216, -B2001, -B2003 THRU -B2023, -B2025 THRU -B2029, -B2031 THRU -B2037, -B2040, -B2042, AND -B2043 INCORPORATING CAB08-9

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CESSNA®
MODEL 208
ILLUSTRATED PARTS CATALOG

A24298



AUTOPILOT COMPUTER INSTALLATION - TYPE KC 191 AND KC 192
FIGURE 01 (SHEET 1)

26111012
A2618R1241
B2618T1058

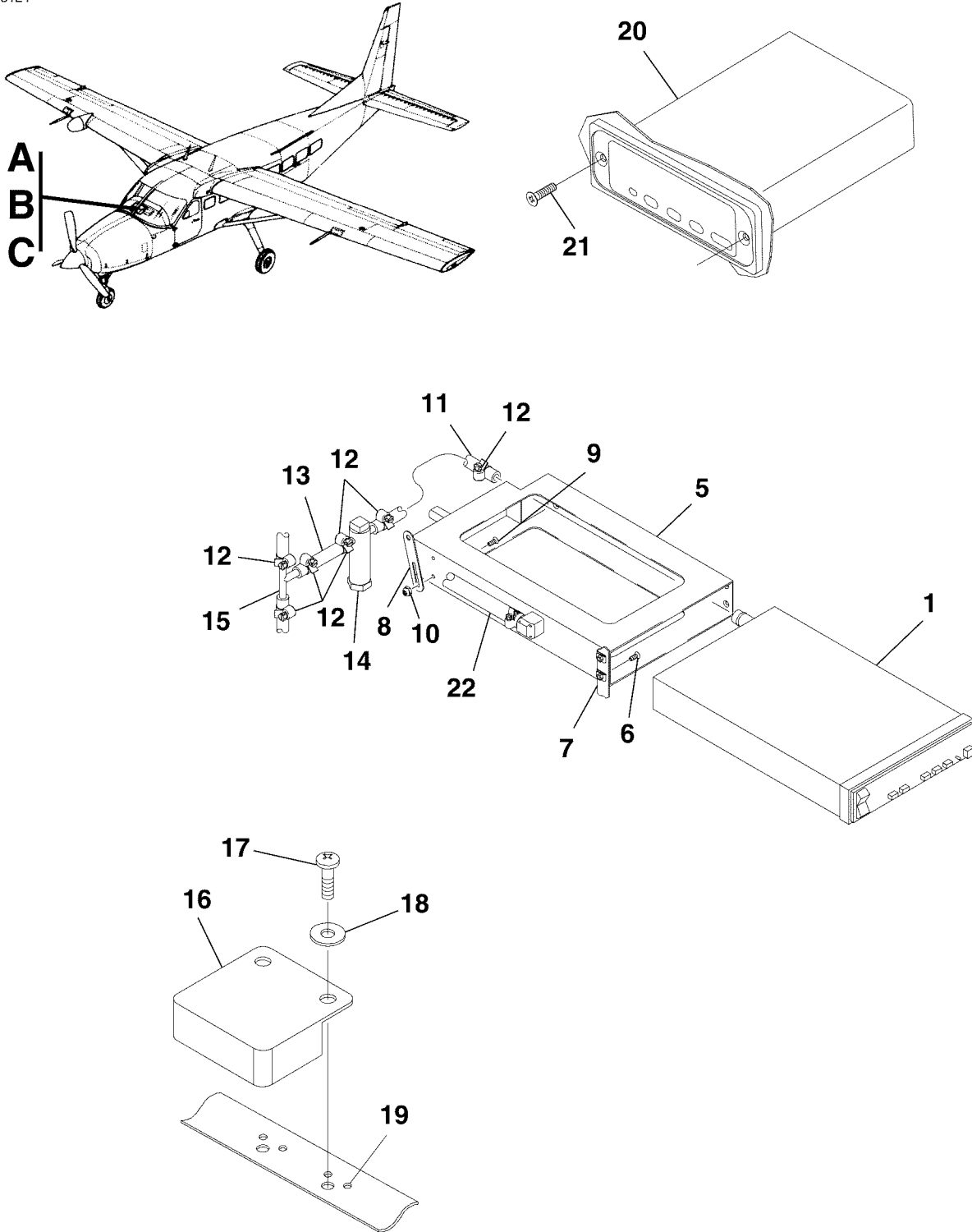
CESSNA®
MODEL 208
ILLUSTRATED PARTS CATALOG

FIG ITEM	PART NUMBER	NOMENCLATURE	UNITS PER ASSY	
			1 2 3 4 5 6 7	
01		AUTOPILOT COMPUTER INSTALLATION - TYPE KC 191 AND KC 192	0146	& ON RF
-			B0180	& ON
1	065-00054-0003	. KC 191 COMPUTER/CONTROLLER USED WITH KAP 150 V22373		01
- 2	065-0054-15	. KC 191 COMPUTER/CONTROLLER USED WITH KAP 150 V22373		01
- 3	065-05028-0091	. . 208 ADAPTER MODULE (IN TOP BOARD) V22373		01
- 4	065-05026-0098	. . 208 ADAPTER MODULE (IN TOP BOARD) V22373		01
- 5	065-05045-0008	. . 208B ADAPTER MODULE (IN TOP BOARD) V22373		01
- 6	065-00042-0003	. KC 192 COMPUTER/CONTROLLER USED WITH KFC 150 V22373		01
- 7	065-0042-15	. KC 192 COMPUTER/CONTROLLER USED WITH KFC 150 V22373		01
- 8	065-05028-0090	. . 208 ADAPTER MODULE (IN TOP BOARD) V22373		01
- 9	065-05026-0097	. . 208 ADAPTER MODULE (IN TOP BOARD) V22373		01
- 10	065-05045-0007	. . 208B ADAPTER MODULE (IN TOP BOARD) V22373		01
- 11	065-05025-0085	. . 208 ADAPTER MODULE (IN BOTTOM BOARD) V22373		01
- 12	065-05025-0091	. . 208B ADAPTER MODULE (IN BOTTOM BOARD) V22373		01
13	047-05114-03	. MOUNTING RACK SUPPLIED WITH ITEM 1 V22373		01
14	MS24693-S26	. . SCREW		04
15	S1477-06	. . NUT		02
16	1270078-2	. . SUPPORT STRAP		02
17	MS24693-S26	. . . SCREW		02
18	MS21044N06	. . . NUT		02
19	S1495-3	. HOSE (SPECIFY LENGTH WHEN ORDERING)		AR
20	S2357-1	. . CLAMP		02
21	S1495-4	. HOSE (SPECIFY LENGTH WHEN ORDERING)		AR
22	S2357-1	. . CLAMP		02
23	1K14-4-4-4	. TEE V26433		01
24	2610003-1	. TRAP ASSY		02 R
25	065-00058-0003	. KA 185 REMOTE MODE ANNUNCIATOR (USED WITH KAP 150) V22373		01
- 26	065-00058-0001	. KA 185 REMOTE MODE ANNUNCIATOR (USED WITH KFC 150) V22373		01
27	MS35206-216	. . SCREW		02

- ITEM NOT ILLUSTRATED

CESSNA®
MODEL 208
ILLUSTRATED PARTS CATALOG

A38124



26111012
A2618R1241
B2618T1058
C2618R1337

AUTOPILOT COMPUTER - KFC 225
FIGURE 01 (SHEET 1)

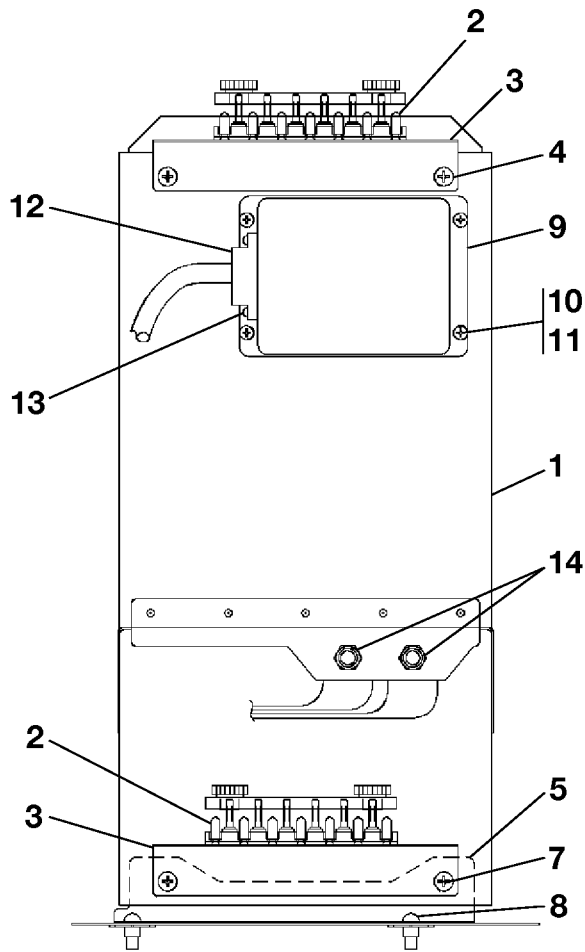
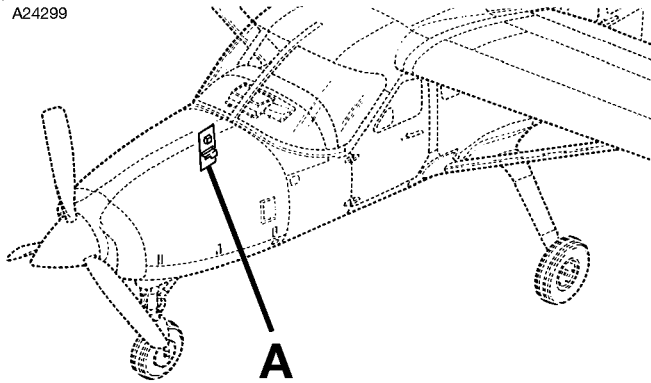
CESSNA®
MODEL 208
ILLUSTRATED PARTS CATALOG

FIG ITEM	PART NUMBER	NOMENCLATURE	UNITS PER ASSY		
			1	2	3
01					
-		AUTOPILOT COMPUTER - KFC 225			RF R
1	S3100-203	. AUTOPILOT COMPUTER (KFC 225)	0001	0332	01
			B0180	B0878	
- 2	S3100-204	. AUTOPILOT COMPUTER (KFC 225 WITH YAW DAMPER)	0001	0332	01
			B0180	B0878	
- 3	S3100-219	. AUTOPILOT COMPUTER (KFC 225 WITHOUT YAW DAMPER)	0333	& ON	01
			B0879	& ON	
- 4	S3100-220	. AUTOPILOT COMPUTER (KFC 225 WITH YAW DAMPER)			01
- 4A	050-03401-0000	. INSTALLATION KIT (KFC225)			01
5	047-12244-0002	. MOUNTING RACK			01
6	MS24693-S26	. . . . . SCREW			04
7	S1477-06	. . . . . NUT			04
8	1270078-2	. . . . . SUPPORT STRAP-RADIO			02
9	MS24693-S26	. . . . . SCREW			02
10	MS21044N06	. . . . . NUT			02
11	S1495-3	. . . . . HOSE (SPECIFY LENGTH WHEN ORDERING)			01
12	S2357-1	. . . . . CLAMP			01
13	S1495-4	. . . . . HOSE (SPECIFY LENGTH WHEN ORDERING)			06
14	2610003-1	. . . . . TRAP ASSY			01
15	S3017-4-4-4	. . . . . TEE			02
16	071-00073-5000	. . . . . CONFIGURATION MODULE (KCM 100)			01
17	MS35206-229	. . . . . SCREW			02
18	NAS1149FN616P	. . . . . WASHER			02
19	MS21073-06	. . . . . NUTPLATE			02
- 19A	050-03245-0000	. . . . . INSTALLATION KIT			01
20	065-00184-0100	. . . . . MODE ANNUNCIATOR (KA 185A)			01
21	MS24693-BB5	. . . . . SCREW			02
- 21A	050-03507-0501	. . . . . INSTALLATION KIT (KA185A)			01
22	2614069-17	. . . . . RADIO COOLING KFC225			01
- 23	MS3367-2-9	. . . . . STRAP			02
- 24	S1053E5W	. . . . . DUCT			01

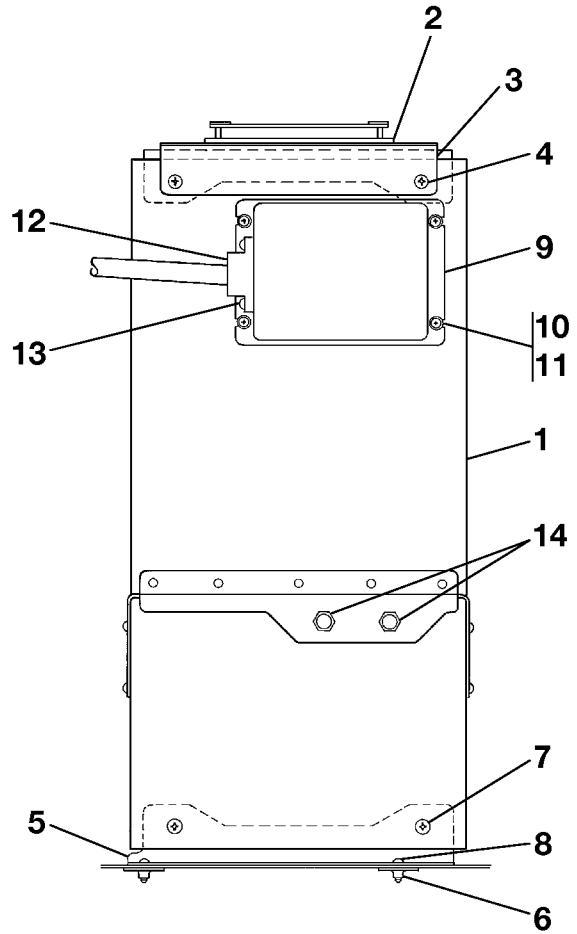
- ITEM NOT ILLUSTRATED

CESSNA®
MODEL 208
 ILLUSTRATED PARTS CATALOG

A24299



DETAIL A
 KFC 225



DETAIL A
 KAP 150 AND KFC 150

REMOTE ACCESSORY BOX - KING AUTOPILOT INSTALLATION
 FIGURE 01 (SHEET 1)

2618R1056
 A2618R1055
 A2618R1335

**CESSNA®
MODEL 208
ILLUSTRATED PARTS CATALOG**

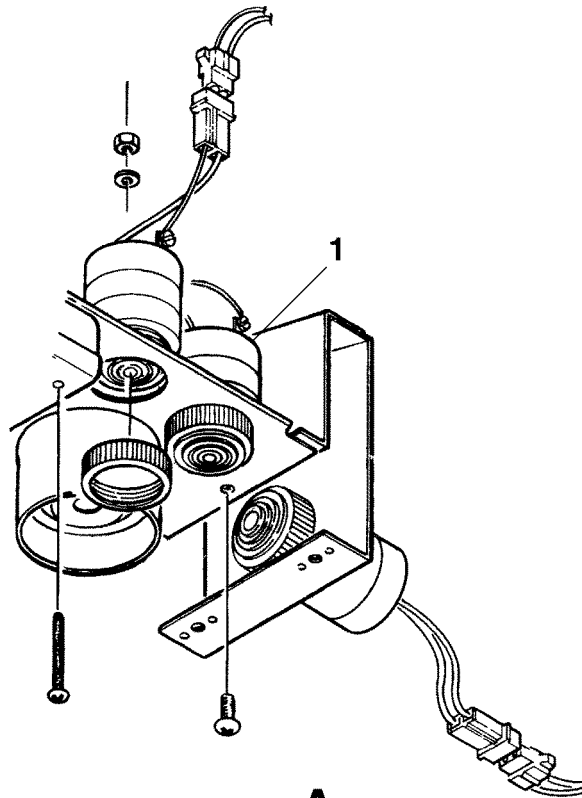
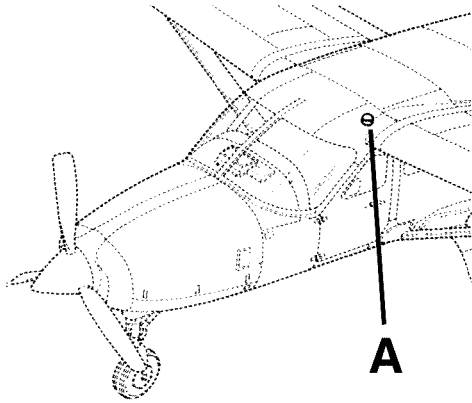
FIG ITEM	PART NUMBER	NOMENCLATURE	UNITS PER ASSY		
			1 2 3 4 5 6 7		
01		REMOTE ACCESSORY BOX - KING AUTOPILOT INSTALLATION	0146	& ON	RF R
-			B0180	& ON	
1	047-7072-00	. AVIONICS RACK REFER TO NOTE 1			01
2	010-0136-00	. TERMINAL STRIP REFER TO NOTE 2			01
3	047-7087-01	. BRACKET REFER TO NOTE 2			01
4	AN525-10R8	. SCREW			04
5	047-7081-02	. MOUNTING PLATE ANGLE REFER TO NOTE 1			01
6	MS21047L3	. NUTPLATE			02
7	AN525-10R8	. SCREW			02
8	AN525-10R11	. SCREW			02
9	200-4273-00	. ACCESSORY BOX REFER TO NOTE 1			01
10	MS35338-41	. LOCKWASHER			04
11	MS35206-229	. SCREW			04
12	050-02568-0010	. CONNECTOR KIT			01
13	089-5903-06	. SCREW			02
14	4200-001-1	. CIRCUIT BREAKER-FLAP SENSE UP/DN			02

NOTE 1—SUPPLIED AS PART OF KING KIT 050-2568-03.

NOTE 2—SUPPLIED AS PART OF KING KIT 050-2568-09. TWO KITS ARE REQUIRED FOR THE KFC 225 INSTALLATION.

CESSNA®
MODEL 208
ILLUSTRATED PARTS CATALOG

A24302



DETAIL A

WARNING HORN INSTALLATION - KAP 150 AND KFC 150 AUTOPILOT
FIGURE 01 (SHEET 1)

2618R1227
A26142040

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FIG ITEM	PART NUMBER	NOMENCLATURE	UNITS PER ASSY		
			1	2	3
01		WARNING HORN INSTALLATION - KAP 150 AND KFC 150 AUTOPILOT	0146	& ON	RF R
-			B0180	& ON	
1	SC-628	. HORN-AP WARNING V37942			01

- ITEM NOT ILLUSTRATED