



## TEMPORARY REVISIONS

MODEL 1980 172RG

U.S. Pilot's Operating Handbook and FAA Approved Airplane Flight Manual  
 Model 1980 172RG  
 Airplanes 172RG0001 thru 172RG0570

### THIS IS A LIST OF ALL CURRENT FAA APPROVED TEMPORARY REVISIONS.

The following list of temporary revisions must be incorporated into this basic U.S. Pilot's Operating Handbook and FAA Approved Airplane Flight Manual until the removal instructions have been complied with.

Insert this page opposite the Log of Effective Pages in the front of this basic U.S. Pilot's Operating Handbook and FAA Approved Airplane Flight Manual.

TEMPORARY REVISION NUMBER	PAGE NUMBER	ISSUE DATE	SERVICE BULLETIN, MODIFICATION KIT (IF APPLICABLE) OR SERIAL EFFECTIVITY
D1174 2 TR01	2-5	10/8/09	Airplanes 172RG0001 thru 172RG0570.
D1174 2 TR02	2-6	10/8/09	Airplanes 172RG0001 thru 172RG0570.
D1174 2 TR03	7-19	10/8/09	Airplanes 172RG0001 thru 172RG0570.

## ENGINE INSTRUMENTS

DENOMINATION	NORMAL		ACCIDENT/EMERGENCY		DENOMINATION	SNOWTOWING		LIST EQUIPMENT BALANCE & LIGHTS
	IN: KG	IN: M	IN: KG/M	IN: KG				
Vhf-Com/Nav KX1654	1.800	0.292	0.526		Vhf-Com/Nav KX155	2.490	0.292	-0.727

CESSNA  
MODEL 172RG

COVERAGES/REVISIONS/  
LOG OF EFFECTIVE PAGES

COVERAGES

The Pilot's Operating Handbook in the airplane at the time of delivery from Cessna Aircraft Company contains information applicable to the 1980 Model 172RG airplane designated by the serial number and registration number shown on the Title Page of this handbook.

REVISIONS

Changes and/or additions to this handbook will be covered by revisions published by Cessna Aircraft Company. These revisions are distributed to all Cessna Dealers and to owners of U. S. Registered aircraft according to FAA records at the time of revision issuance.

Revisions should be examined immediately upon receipt and incorporated in this handbook.

NOTE

**It is the responsibility of the owner to maintain this handbook in a current status when it is being used for operational purposes.**

Owners should contact their Cessna Dealer whenever the revision status of their handbook is in question.

A revision bar will extend the full length of new or revised text and/or illustrations added on new or presently existing pages. This bar will be located adjacent to the applicable revised area on the outer margin of the page.

All revised pages will carry the revision number and date on the applicable page.

The following Log of Effective Pages provides the dates of issue for original and revised pages, and a listing of all pages in the handbook. Pages affected by the current revision are indicated by an asterisk (\*) preceding the pages listed.

LOG OF EFFECTIVE PAGES

Dates of issue for original and revised pages are:		Page	Date	Page	Date
Original	15 July 1983	6-1	1 July 1979	6-1	1 July 1979
Revision 1	15 July 1983	6-2 Blank	1 July 1979	6-2 Blank	1 July 1979
Revision 2	1 December 1983	6-3 thru 6-13	1 July 1979	6-3 thru 6-13	1 July 1979
		6-14 Blank	1 July 1979	6-14 Blank	1 July 1979
		6-15 thru 6-17	1 July 1979	6-15 thru 6-17	1 July 1979
		6-18 thru 6-22	1 December 1983	6-18 thru 6-22	1 July 1979
		6-23 Blank	1 July 1979	6-23 Blank	1 July 1979
		6-24 Blank	1 July 1979	6-24 Blank	1 July 1979
		7-1 thru 7-18	1 July 1979	7-1 thru 7-18	1 July 1979
		7-19	1 December 1983	7-19	1 July 1979
		7-20 thru 7-46	1 July 1979	7-20 thru 7-46	1 July 1979
		8-1	1 July 1979	8-1	1 July 1979
		8-2 Blank	1 July 1979	8-2 Blank	1 July 1979
		8-3 thru 8-13	1 July 1979	8-3 thru 8-13	1 July 1979
		8-14	15 July 1983	8-14	15 July 1983
		8-15 thru 8-17	1 July 1979	8-15 thru 8-17	1 July 1979
		8-18 Blank	1 July 1979	8-18 Blank	1 July 1979
		9-1 thru 9-2	1 July 1979	9-1 thru 9-2	1 July 1979
		5-1	1 July 1979		
		5-2 Blank	1 July 1979		
		5-3 thru 5-27	1 July 1979		
		5-28 Blank	1 July 1979		

Refer to Section 9 Table of Contents for supplements applicable to optional systems.

NOTE

1 July 1979  
Revision 2 - 1 December 1983/D1174-2-13PH-RPC-1000-5/84

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ENGINE INSTRUMENTS

NORMAL

LIMITATIONS

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DENOMINAZIONE	IN: Kg	MOMENTO IN: m	DENOMINAZIONE	PESO IN: Kg	EQUIPMENT LIST WEIGHT & BALANCE/
Vhf-Com/Nav KX185A	1,800	0,292	Vhf-Com/Nav KX155	-2,490	0,292
					-0,727

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## EQUIPMENT LIST

The following equipment list is a comprehensive list of all Cessna equipment available for this airplane. A separate equipment list of items installed in your specific airplane is provided in your aircraft file. The following list and the specific list for your airplane have a similar order of listing.

This equipment list provides the following information:

An **item number** gives the identification number for the item. Each number is prefixed with a letter which identifies the **descriptive** grouping (example: A. Powerplant & Accessories) under which it is listed. Suffix letters identify the equipment as a required item, a standard item or an optional item. Suffix letters are as follows:

-R = required items of equipment for FAA certification

-S = standard equipment items

-O = optional equipment items replacing required or standard items

-A = optional equipment items which are in addition to required or standard items

A **reference drawing** column provides the drawing number for the item.

### NOTE

If additional equipment is to be installed, it must be done in accordance with the reference drawing, accessory kit instructions, or a separate FAA approval.

Columns showing **weight (in pounds)** and **arm (in inches)** provide the weight and center of gravity location for the equipment.

### NOTE

Unless otherwise indicated, true values (not net change values) for the weight and arm are shown. Positive arms are distances aft of the airplane datum; negative arms are distances forward of the datum.

### NOTE

Asterisks (\*) after the item weight and arm indicate complete assembly installations. Some major components of the assembly are listed on the lines immediately following. The summation of these major components does not necessarily equal the complete assembly installation.



SECTION 6  
WEIGHT & BALANCE/  
EQUIPMENT LIST

CESSNA  
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ITEM NO	EQUIPMENT LIST DESCRIPTION	REF DRAWING	WT LBS	ARM INS
G01-D	BATTERY, 24 VOLT (HEAVY DUTY) ALTERNATOR CONTROL UNIT WITH LOW VOLTAGE SENSING	C614002-0102	25.2	130.0
G04-R	G07-A GROUND SERVICE PLUG RECEPTACLE HEATED PILOT SYSTEM (NET CHANGE) LIGHTS, INSTRUMENT POST (REQUIRES E34-D)	2401005 0422355-7 2413120	2.7 0.6 0.5	126.0 24.4 17.3
G25-A	G25-A LIGHT, INSTALLATION, CONTROL WHEEL MOUNTED MAP (REQUIRES E89-1)	0501068	0.1	21.5
G28-S	G28-S LIGHT INSTALLATION, MAP & INSTRUMENT LIGHTS, COURTESY (SET OF TWO) LIGHTS, NAVIGATION LIGHT (SET OF TWO)	0700149 0521101	0.3 0.5	32.0 61.0
G40-A	G40-A LIGHT INSTALLATION, OMNIFLASH BEACON BEACON LIGHT IN FIN TIP	0701013 2406002	0.0 1.4*	204.7*
G43-A	G43-A LIGHT INSTALLATION, WING TIP STROBE FLASHER POWER SUPPLY IN VERTICAL TAIL	0501027-1 C594502-0102	3.4* 0.6	43.3* 205.1
G46-A	G46-A LIGHT INSTALLATION, WING TIP STROBE FLASHER POWER SUPPLY, WING TIP RIB (2) STROBE LIGHT, WING TIP (SET OF TWO)	0501027-1 C622008-0102 C622006-0107	3.4* 2.2 0.2	43.3* 47.0 -18.6
G49-S	G49-S LIGHTS, LANDING, COMB MOUNTED - DUAL BULB	0501032	4.1	-18.6
D01-R	D01-R INDICATOR, AIRSPEED INDICATOR, TRUE AIRSPEED STATIC AIR, ALTERNATE SOURCE OF MERCURY	C661064-0108 2401012 0501017	0.6 0.7 0.2	16.0 16.3 15.5
D07-R	D07-R ALTIMETER, SENSITIVE (INCHES OF MERCURY)	C661071-0101	0.7	14.0
D07-0-1	D07-0-1 ALTIMETER, SENSITIVE (FEET & MILLIBARS)	C661071-0102	0.7	14.0
D07-0-2	D07-0-2 ALTIMETER, SENSITIVE (FEET & MILLIBARS)	C661025-0102	0.7	14.0
D10-A	D10-A ALTIMETER INSTALLATION - DUAL ALTIMETER, ENCODING (REQUIRES RELOCATION)	2001015 0501049	0.8 1.5*	14.0 14.4*
D16-A-1	D16-A-1 ALTIMETER, ENCODING (REQUIRES RELOCATION)	2001015	0.8	14.0
D16-A-2	D16-A-2 ALTIMETER, ENCODING (REQUIRES RELOCATION)	2401009	1.5*	14.4*
D22-A	D22-A GAGE, CARBURATOR AIR TEMPERATURE ENCODER	C744001-0101	1.3	14.0
D25-S	D25-S CLOCK, ELECTRIC (DIGITAL READOUT)	C664508-0102	0.3	16.3
D25-D	D25-D CLOCK, ELECTRIC (DIGITAL READOUT)	C664511-0101	0.3	16.3

ITEM NO	EQUIPMENT LIST DESCRIPTION	REF DRAWING	WT LBS	ARM INS
D28-R	COMPASS INSTALLATION, MAGNETIC	0513262	0.5	16.0
D38-R	INSTRUMENT CLUSTER, LH & RH FUEL	C669562-0101	0.5	16.0
D41-R	INSTRUMENT CLUSTER, CYL HEAD TEMP OIL TEMP	C669561-0101	0.4	16.0
D43-R	INSTRUMENT CLUSTER, AMMETER & OIL PRES	C669560-0101	0.5	16.0
D49-A	INDICATOR, ECONOMY MIXTURE (E.G.T.)	22401008	0.5	16.0
D55-R	GAGE, MANIFOLD PRESSURE	C662035-0104	1.1	16.5
D64-S	GYRO INSTALLATION, ATTITUDE & DIRECTIONAL (NON NAV-O-MATIC)	C661075-0104	6.3	13.5
D64-O	ATTITUDE INDICATOR	C661076-0101	2.7	13.5
D64-O	GYRO INSTALLATION FOR 300 NAV-O-MATIC	2496901	2.5	13.5
D67-A	DIRECTIONAL INDICATOR	40760-0104	3.9	14.5
D67-A	REORDER, FLIGHT HOUR	C661076-0101	3.3	14.5
D82-S	GAGE, OUTSIDE AIR TEMP (C668507-0101)	03501052	0.2	14.5
D85-R	TACHOMETER INSTALLATION	05000221	0.1	14.5
D88-S-1	RECORDING TACH HEAD	C6688020-0124	0.1	14.5
D88-S-2	TURN COORDINATOR (28 VOLT OPERATION)	C661003-0505	0.6	14.5
D88-S-2	TURN COORDINATOR (10 TO 30 VOLT)	C661003-0506	0.6	14.5
D88-O	TURN COORDINATOR (FOR AUTO-PILOT USE)	42320-0028	0.3	14.5
D91-A	INDICATOR, VERTICAL SPEED	C661080-0101	1.0	15.7
E05-R	SEAT, ADJUSTABLE FORE & AFT, PILOT	0514168	0.6	44.0
E05-R	SEAT, INFINITE ADJUSTING, PILOT	0514171	0.6	44.0
E05-R	SEAT, ADJUSTABLE FORE & AFT, CO-PILOT	0514168	0.6	44.0
E05-R	SEAT, INFINITE ADJUSTING, CO-PILOT	0514171	0.6	44.0
E07-O	SEAT, ADJUSTABLE FORE & AFT, PILOT	0514168	0.6	44.4
E07-O	SEAT, INFINITE ADJUSTING, CO-PILOT	0514171	0.6	44.4
E09-O	SEAT, REAR (ONE PIECE BACK CUSHION)	0514169	0.0	44.4
E15-R	SEAT, REAR (TWO PIECE BACK CUSHION)	0514143	0.0	44.4
E15-R	BELT ASSEMBLY, PILOT LAP	S-2275-103	0.0	44.4
E15-R	SHOULDER HARNESS ASSEMBLY, PILOT	S-2275-201	0.0	44.4
E19-O	INERTIA REEL-SEAT BELT INSTALLATION, PILOT & CO-PILOT (NET CHANGE)	S-2275-1	0.0	44.4
E23-S	BELT & SHOULDER HARNESS ASSY, CO-PILOT	S-2275-3	1.6	37.0
E23-S	BELT & SHOULDER HARNESS ASSY, SET OF TWO	S-2275-8	1.6	37.0
E27-O	BELT & SHOULDER HARNESS ASSY, 2ND ROW (2)	S-1746-13	2.0	70.0
E33-O	CARPETING, BLACK, NET CHANGE FOR STANDARD	0515034	0.0	21.0
E34-O	SEAT COVERING, VINYL, NET CHANGE		0.0	21.0

Original drawing in. Mac. Rca26-DK2 (mch 2005) reviewed by [Signature] 2009

\* Cessna 60-0108 on airplanes modified by Service Kit SK172-85.

SECTION 6  
WEIGHT & BALANCE/  
EQUIPMENT LIST

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ITEM NO	EQUIPMENT LIST DESCRIPTION	REF DRAWING	WT LBS	ARM INS
E835-A-2	SEAT COVERING, LEATHER, NET CHANGE	CES-1151	2.0	47.0
E837-A	WINDOW, RIGHT DOOR HINGED (NET CHANGE)	0501075	0.3	47.0
E839-A	WINDOW, OVERHEAD CABIN TOP (NET INCREASE)	0511800	0.9	47.9
E843-A	VENTILATION SYSTEM, REAR SEAT	0700322	1.7	50.9
E849-A	CUP HOLDER, RETRACTABLE (SET OF TWO)	0501023	0.1	47.0
E850-A	HEADREST, FRONT (SET OF TWO)	1215073	1.5	47.5
E851-A	HEADREST, REAR (SET OF TWO)	0514166	1.5	47.5
E855-S	SUN VISORS (SET OF 2)	0500267	0.9	32.8
E857-D	TINTED GLASS (ALL AROUND) (NET CHANGE)	0500267	0.0	95.0
E865-R	BAGGAGE TIE DOWN NET	2015009-8	0.0	-
E871-A	RINGS, CARGO TIE DOWN	2401010	1.0	-
E885-A	CONTROLS, DUAL (CO-PILOT'S WHEEL, PEDALS AND TOE BRAKES)	2401007	4.9*	12.4*
E887-S	CONTROL WHEEL WITH PROTECTIVE PADDING	2467000-1	2.0	26.0
E888-A	RUDDER PEDAL (SET OF TWO)	0513290	1.1	6.8
E899-A	CABIN AIR CIRCULATING FAN (CANNOT BE USED WITH E43-A)	0501072	1.9	9.4
E899-A	ALL PURPOSE CONTROL WHEEL - NET CHANGE	0501068	0.0	-
F01-R	PLACARD, OPERATIONAL LIMITATIONS VFR DAY	0505087	0.0	-
F01-O-1	PLACARD, OPERATIONAL LIMITATIONS VFR DAY NIGHT	0505087	0.0	-
F01-O-2	PLACARD, OPERATIONAL LIMITATIONS VFR DAY NIGHT	0505087	0.0	-
F07-R	STALL & GEAR WARNING BLACKBOX (REQUIRES ITEM H61-R FOR AUDIBLE OPERATION)	1270733	0.5	-
F10-S	PILOTS CHECK LIST (STANDARD A/C) (STOWED)	-	0.0	-
F10-O-1	PILOTS CHECK LIST (200A NAV-D-MATIC)	-	0.0	-
F10-O-2	PILOTS CHECK LIST (300A NAV-D-MATIC)	-	0.0	-
F16-R	PILOT'S OPERATING HANDBOOK AND FAA APPROVED AIRPLANE FLIGHT MANUAL	D1174-13PH	0.5	-
G07-A	G. AUXILIARY EQUIPMENT RINGS, AIRPLANE HOISTING	0541115	1.1	49.1









SECTION 6  
WEIGHT & BALANCE/  
EQUIPMENT LIST

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ITEM NO	EQUIPMENT LIST DESCRIPTION	REF DRAWING	WT LBS	ARM INS
H43-A	AVIONICS OPTION D NAV-D-MATIC MING PRDY. (REQUIRES COMBO. INSTL (HEADSET STOWED))	0522632-2	1.7	68.2
H55-A	MIKE-HEADSET COMBO. INSTL (HEADSET STOWED) (REQUIRES ALL PURPOSE CONTROL WHEEL, ITEM E89-A)	C596530-0101	0.8	13.0
H56-A	MICROPHONE/HEADSET, PADDED (STOWED) (REQUIRES ALL PURPOSE CONTROL WHEEL, ITEM E89-A)	C596531-0101	1.1	13.0
H61-R	CABIN SPEAKER AND GEAR WARNING HORN	C596510-0101	1.9	38.5
001-A	CUTLASS RG II EQUIPMENT CONSISTS OF ITEMS HEATED PILOT SYSTEM C31-A COURTESY LIGHTS C30-A NAV LIGHT DETECTORS C43-A FLASHING BEACON LIGHT C40-A NAV LIGHT DETECTORS C44-A TRUE AIRSPEED IND. (NET CHANGE) D01-0 STATIC AIR, ALTERNATE SOURCE D04-A DUAL CONTROLS H01-A CESSNA 300 ADF (R-543E) H16-A-1 300 TRANSPONDER (RT-359A) H22-A NAV/COM 385 VOR/LOC H28-A-1 EMERGENCY LOCATER TRANSMITTER H34-A BASIC AVIONICS KIT NAV-PAC INSTALLATION H07-A GLIDESLOPE (R-4438) H13-A CESSNA 400 MARKER BEACON H25-A 300 NAV/COM, 2ND UNIT	0422355-7 0521101 0701013 2406002 2401012 0501017 2401007 3910159-2 3910127-1 3910183 0470419 3910157 3910127-17	37.3* 0.6 0.5 NEAR 1.4 1.4 2406002 2401012 0501017 2401007 3910159-2 3910127-1 3910183 0470419 3910157 3910127-17	39.9* 24.4 61.0 20.7 18.1 12.5 12.4 12.4 11.6 55 47.6 105 34 11.9
H04-A	NAV-PAC INSTALLATION H34-A BASIC AVIONICS KIT H28-A-1 EMERGENCY LOCATER TRANSMITTER H22-A NAV/COM 385 VOR/LOC H16-A-1 300 TRANSPONDER (RT-359A) H01-A CESSNA 300 ADF (R-543E) H85-A DUAL CONTROLS H85-A STATIC AIR, ALTERNATE SOURCE D01-0 TRUE AIRSPEED IND. (NET CHANGE) D04-A NAV LIGHT DETECTORS C43-A FLASHING BEACON LIGHT C40-A NAV LIGHT DETECTORS C31-A COURTESY LIGHTS C30-A NAV LIGHT DETECTORS C16-0 HEATED PILOT SYSTEM			

*See drawing 3910127-17*

*Configuration shown 2/10/79*

Handwritten text, possibly a signature or date, located in the middle section of the page.

Lavori Commissionati da: **Sig. G. Ghetti "Professione Volare"**

**DESCRIZIONE LAVORI**

1) Applicato Bollettino TASS/19-99/RES "Riconfigurazione Apparat Avionici su a/m C172RG". Adeguamento alla raccomandazione ICAO Annex-10 e sostituzione Apparat Obsoleti.

Rimossi i seguenti Apparat Avionici: # 2 Sistemi COM/NAV Tipo RT385A; Sistema ADF Tipo R546E; G/S Tipo R443R; Sistema Marker Tipo R402A; Sistema Transponder Tipo RT359A.

Effettuata installazione dei Seguenti Sistemi:

<b>COM/NAV/GS</b>	Tipo KX-165 (p/n 069-01033-0201 s/n 10070)	"New"
<b>Indicatore VOR</b>	Tipo KI-209 (p/n 066-03056-0001 s/n 77108)	"New"
<del>RIMOSSA IL 21/12/00 <del>COM/NAV/GS</del></del>	<del>Tipo KX-155 (p/n 069-01024-0043 s/n 122207)</del>	<del>"New"</del>
<del>Indicatore VOR</del>	<del>Tipo KI-209 (p/n 066-03056-0001 s/n 77085)</del>	<del>"New"</del>
<del>Intercom/MKR</del>	<del>Tipo KMA-26 (p/n 066-01155-0201 s/n 004543)</del>	<del>"New"</del>
<del>ADF Rec.</del>	<del>Tipo KR-87 (p/n 066-01072-0004 s/n 74761)</del>	<del>"New"</del>
<del>Antenna ADF</del>	<del>Tipo KA44B (p/n 071-1234-0000 s/n 74958)</del>	<del>"New"</del>
<del>Indicatore ADF</del>	<del>Tipo KI227 (p/n 066-03063-0001 s/n 47592)</del>	<del>"New"</del>
<del>Transponder</del>	<del>Tipo KT-76C (p/n 066-01156-0101 s/n 11417)</del>	<del>"New"</del>
<del>DME</del>	<del>Tipo KN-62A (p/n 066-1068-0004 s/n 30126)</del>	<del>"New"</del>
<del>INSTALLAZIONE # 21/12/00 COM/NAV/GS</del>	<del>Tipo KA 165A P.N. 069-01033-0201 s/n 13972</del>	<del>"New"</del>



Per l'installazione sono stati utilizzati i Breakers e le antenne della vecchia Installazione. I nuovi Apparat sono stati ubicati nel cruscotto nella stessa posizione dei vecchi. (nello spazio previsto dal Costruttore)

L'installazione è conforme alla prima installazione effettuata su a/m I-AMDH (con la variante "installato un COM/NAV KX165 in sostituzione di un KX155" Rev -1 Disegno TASS n° 172LB012000); al Manuale di Manutenzione dell'a/m; all' Installation Manuals Bendix/King 006-00179-0006, 006-10544-0002, 006-05184-0007, 006-00143-0006, 066-10543-0000, 066-10542-0001, 066-00144-0006.

2) A seguito annotazioni RAI (Forli 10-04-2000) : Effettuato sbarco A/P Tipo ARC 200AF295B.  
 Completata installazione ELT come richiesto da C 39A (Installato interruttore per attivazione manuale su plancia di bordo) **effettata prova funzionale con esito positivo.**