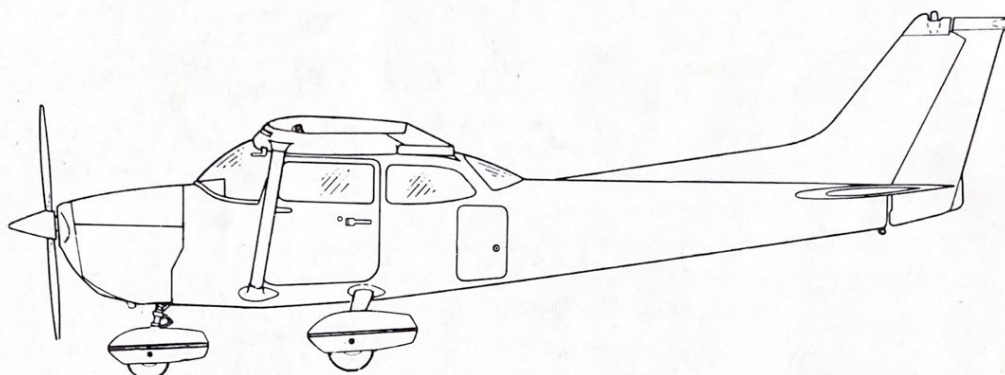




# Pilot's Operating Handbook and FAA Approved Airplane Flight Manual



Cessna Aircraft Company

1985 Model 172P

THIS DOCUMENT MUST BE  
CARRIED IN THE AIRPLANE  
AT ALL TIMES.


Serial No. 17276304

Registration No. N98508

THIS HANDBOOK INCLUDES THE MATERIAL REQUIRED TO  
BE FURNISHED TO THE PILOT BY CAR PART 3 AND CONSTI-  
TUTES THE FAA APPROVED AIRPLANE FLIGHT MANUAL.

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Cessna Aircraft Company  
Wichita, Kansas USA

 Member of GAMA

Original Issue - 20 August 1984

THIS MANUAL WAS PROVIDED FOR THE AIRPLANE  
IDENTIFIED ON THE TITLE PAGE ON 11-20-84 .  
SUBSEQUENT REVISIONS SUPPLIED BY CESSNA  
AIRCRAFT COMPANY MUST BE PROPERLY IN-  
SERTED.

R. Rogers

Cessna Aircraft Company, Aircraft Division



PERFORMANCE-  
SPECIFICATIONS

CESSNA  
MODEL 172P

## PERFORMANCE - SPECIFICATIONS

**\*SPEED:**

Maximum at Sea Level . . . . .	123 KNOTS
Cruise, 75% Power at 8000 Ft . . . . .	120 KNOTS

CRUISE: Recommended lean mixture with fuel allowance for engine start, taxi, takeoff, climb and 45 minutes reserve.

75% Power at 8000 Ft . . . . .	Range	440 NM
40 Gallons Usable Fuel . . . . .	Time	3.8 HRS
75% Power at 8000 Ft . . . . .	Range	585 NM
50 Gallons Usable Fuel . . . . .	Time	5.0 HRS
75% Power at 8000 Ft . . . . .	Range	755 NM
62 Gallons Usable Fuel . . . . .	Time	6.4 HRS
Maximum Range at 10,000 Ft . . . . .	Range	520 NM
40 Gallons Usable Fuel . . . . .	Time	5.6 HRS
Maximum Range at 10,000 Ft . . . . .	Range	680 NM
50 Gallons Usable Fuel . . . . .	Time	7.4 HRS
Maximum Range at 10,000 Ft . . . . .	Range	875 NM
62 Gallons Usable Fuel . . . . .	Time	9.4 HRS

RATE OF CLIMB AT SEA LEVEL . . . . .	700 FPM
SERVICE CEILING . . . . .	13,000 FT

**TAKEOFF PERFORMANCE:**

Ground Roll . . . . .	890 FT
Total Distance Over 50-Ft Obstacle . . . . .	1625 FT

**LANDING PERFORMANCE:**

Ground Roll . . . . .	540 FT
Total Distance Over 50-Ft Obstacle . . . . .	1280 FT

**STALL SPEED (KCAS):**

Flaps Up, Power Off . . . . .	51 KNOTS
Flaps Down, Power Off . . . . .	46 KNOTS

**MAXIMUM WEIGHT:**

Ramp . . . . .	2407 LBS
Takeoff or Landing . . . . .	2400 LBS

STANDARD EMPTY WEIGHT . . . . . 1433 LBS

MAXIMUM USEFUL LOAD . . . . . 974 LBS

BAGGAGE ALLOWANCE . . . . . 120 LBS

WING LOADING: Pounds/Sq Ft . . . . . 13.8

POWER LOADING: Pounds/HP . . . . . 15.0

**FUEL CAPACITY: Total**

Standard Tanks . . . . .	43 GAL.
Long Range Tanks . . . . .	54 GAL.
Integral Tanks . . . . .	68 GAL.

OIL CAPACITY . . . . . 8 QTS

ENGINE: Avco Lycoming . . . . . O-320-D2J  
160 BHP at 2700 RPM

PROPELLER: Fixed Pitch, Diameter . . . . . 75 IN.

**\*Speed performance is shown for an airplane equipped with optional speed fairings, which increase the speeds by approximately 2 knots. There is a corresponding difference in range, while all other performance figures are unchanged when speed fairings are installed.**

The above performance figures are based on the indicated weights, standard atmospheric conditions, level hard-surface dry runways, and no wind. They are calculated values derived from flight tests conducted by the Cessna Aircraft Company under carefully documented conditions and will vary with individual airplanes and numerous factors affecting flight performance.



# LOG OF EFFECTIVE PAGES

CESSNA  
MODEL 172P

## LOG OF EFFECTIVE PAGES (Continued)

Page	Date	Page	Date
8-2 Blank .....	20 August 1984	NOTE	Refer to Section 9 Table of Contents for supplements applicable to optional systems.
8-3 thru 8-19 .....	20 August 1984		
8-20 Blank .....	20 August 1984		
9-1 thru 9-3 .....	20 August 1984		
9-4 Blank .....	20 August 1984		

# TABLE OF CONTENTS

	SECTION
GENERAL.....	1
LIMITATIONS.....	2
EMERGENCY PROCEDURES.....	3
NORMAL PROCEDURES.....	4
PERFORMANCE.....	5
WEIGHT & BALANCE/ EQUIPMENT LIST .....	6
AIRPLANE & SYSTEMS DESCRIPTIONS .....	7
AIRPLANE HANDLING, SERVICE & MAINTENANCE .....	8
SUPPLEMENTS (Optional Systems Description & Operating Procedures) .....	9



## COVERAGE

The Pilot's Operating Handbook in the airplane at the time of delivery from Cessna Aircraft Company contains information applicable to the 1985 Model 172P airplane designated by the serial number and registration number shown on the Title Page of this handbook. This information is based on data available at the time of publication.

## REVISIONS

Changes and/or additions to this handbook will be covered by revisions published by Cessna Aircraft Company. These revisions are distributed to owners of U.S. Registered aircraft according to FAA records at the time of revision issuance, and to Internationally Registered aircraft according to Cessna Owner Advisory records at the time of 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:  
Original ..... 20 August 1984

Page	Date	Page	Date
Title .....	20 August 1984	4-1 thru 4-25 .....	20 August 1984
Assignment Record .....	20 August 1984	4-26 Blank .....	20 August 1984
i thru v .....	20 August 1984	5-1 .....	20 August 1984
vi Blank .....	20 August 1984	5-2 Blank .....	20 August 1984
1-1 thru 1-9 .....	20 August 1984	5-3 thru 5-7 .....	20 August 1984
1-10 Blank .....	20 August 1984	5-8 Blank .....	20 August 1984
2-1 .....	20 August 1984	5-9 thru 5-25 .....	20 August 1984
2-2 Blank .....	20 August 1984	5-26 Blank .....	20 August 1984
2-3 thru 2-13 .....	20 August 1984	6-1 .....	20 August 1984
2-14 Blank .....	20 August 1984	6-2 Blank .....	20 August 1984
3-1 thru 3-9 .....	20 August 1984	6-3 thru 6-30 .....	20 August 1984
3-10 Blank .....	20 August 1984	7-1 thru 7-38 .....	20 August 1984
3-11 thru 3-18 .....	20 August 1984	8-1 .....	20 August 1984



# CONGRATULATIONS . . . .

Welcome to the ranks of Cessna owners! Your Cessna has been designed and constructed to give you the most in performance, economy, and comfort. It is our desire that you will find flying it, either for business or pleasure, a pleasant and profitable experience.

This Pilot's Operating Handbook has been prepared as a guide to help you get the most pleasure and utility from your airplane. It contains information about your Cessna's equipment, operating procedures, and performance, and suggestions for its servicing and care. Please study it carefully and refer to it often.

The worldwide Cessna Dealer Organization and Cessna Customer Services stand ready to serve you. You will find the following services are offered by most Cessna Dealers:

- THE CESSNA WARRANTY, which provides coverage for parts and labor, is available at Cessna Dealers worldwide. Specific benefits and provisions of warranty, plus other important benefits for you, are contained in your Customer Care Program Handbook, supplied with your airplane. Warranty service is available to you at authorized Cessna Dealers throughout the world upon presentation of your Customer Care Card which establishes your eligibility under the warranty.
- FACTORY-TRAINED PERSONNEL to provide you with courteous expert service.
- FACTORY-APPROVED SERVICE EQUIPMENT to provide you efficient and accurate workmanship.
- A STOCK OF GENUINE CESSNA SERVICE PARTS on hand when you need them.
- THE LATEST AUTHORITATIVE INFORMATION FOR SERVICING CESSNA AIRPLANES, since Cessna Dealers have all of the Service Manuals and Parts Catalogs, kept current by Cessna Service Information Letters and Cessna News Letters, published by Cessna Aircraft Company.

We urge all Cessna owners to use the Cessna Dealer Organization to the fullest.

A current Cessna Dealer Directory accompanies your new airplane. The Directory is revised frequently, and a current copy can be obtained from your Cessna Dealer. Make your Directory one of your cross-country flight planning aids; a warm welcome awaits you at every Cessna Dealer.