

# ROBINSON HELICOPTER COMPANY

## R22 MAINTENANCE MANUAL AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS RTR 060 VOLUME I

Production Certificate Number 424WE

Type Certificate Number H10WE



Robinson Helicopter Company  
2901 Airport Drive  
Torrance, California 90505-6115  
United States of America

Phone: (310) 539-0508  
Fax: (310) 539-5198  
Web: [www.robinsonheli.com](http://www.robinsonheli.com)

### OFFICE HOURS

Monday through Friday, 7:30 a.m. to 4:30 p.m., Pacific Time.  
Lunch hour is 11:30 a.m. to 12:30 p.m.

### HOLIDAYS

Please visit [www.robinsonheli.com](http://www.robinsonheli.com) for a list of holidays and company shutdowns.

### CUSTOMER SUPPORT AND SPARES ORDERS

Please visit [www.robinsonheli.com](http://www.robinsonheli.com) for Customer Support contact information. Procure parts from any R22 Dealer or Service Center, or order directly from RHC Customer Service via email, fax, or phone.

### PUBLICATIONS

Viewing RHC Maintenance Manuals (MMs) and Illustrated Parts Catalogs (IPCs) online at [www.robinsonheli.com](http://www.robinsonheli.com) is recommended to ensure use of current data. Viewing MMs and IPCs offline via paper or digital download requires verification that the data is current. Refer to the online MM or IPC Revision Log for the list of current pages.

**SUBSCRIPTION ORDER AND RENEWAL FORMS**

Subscription order and renewal forms are located at [www.robinsonheli.com](http://www.robinsonheli.com).

**WARRANTY INFORMATION**

Helicopter and parts warranty information is located at [www.robinsonheli.com](http://www.robinsonheli.com).

**CHAPTER LIST**

|            |                                 |
|------------|---------------------------------|
|            | Introduction                    |
| Chapter 1  | General                         |
| Chapter 2  | Inspection                      |
| Chapter 3  | Life-Limited Components         |
| Chapter 4  | Airframe                        |
| Chapter 5  | Landing Gear                    |
| Chapter 6  | Powerplant                      |
| Chapter 7  | Drive Train                     |
| Chapter 8  | Flight Controls                 |
| Chapter 9  | Rotor Systems                   |
| Chapter 10 | Rigging, Track and Balance      |
| Chapter 11 | Environment Control             |
| Chapter 12 | Fuel System                     |
| Chapter 13 | Instruments                     |
| Chapter 14 | Electrical and Avionics Systems |
| Chapter 15 | Furnishings                     |
| Chapter 16 | Dimensions and Descriptions     |
| Chapter 17 | Jacking and Hoisting            |
| Chapter 18 | Weight and Balance              |
| Chapter 19 | Ground Handling                 |
| Chapter 20 | Parking and Storage             |
| Chapter 21 | Placards and Markings           |
| Chapter 22 | Servicing                       |
| Chapter 23 | Standard Practices              |
| Chapter 24 | Lights                          |
| Chapter 25 | Doors and Windows               |
| Chapter 26 | Main Rotor                      |
| Chapter 27 | Main Rotor Drive System         |
| Chapter 28 | Tail Rotor                      |
| Chapter 29 | Tail Rotor Drive System         |
| Chapter 30 | Engine Controls                 |
| Chapter 31 | Engine Oil System               |
| Chapter 32 | Police Version                  |
| Chapter 33 | Electrical System               |
| Chapter 34 | Avionics                        |
| Chapter 35 | Wiring Diagrams                 |
| Chapter 36 | Special Tools                   |
| Chapter 37 | Revision Log                    |

Intentionally Blank

## TECHNICAL PUBLICATIONS

## RECOMMENDED CHANGE REPORT

Please direct recommended changes to RHC Technical Publications via the email address listed below, by phone, or by submitting a duplicate of this completed form by fax or mail. Please include or have available the information detailed in this form.

Recommended changes may include but are not limited to general comments, corrections, omitted information, or clarification of instructions.

Please send recommendations to:

Email: [techpubs@robinsonheli.com](mailto:techpubs@robinsonheli.com)

Phone: (310) 539-0508

Fax: (310) 539-5198

**Robinson Helicopter Company**

Attention: Technical Publications

2901 Airport Drive

Torrance, CA 90505-6115

United States of America

Date: \_\_\_\_\_ Publication: \_\_\_\_\_

Name: \_\_\_\_\_ Chapter: \_\_\_\_\_

Company: \_\_\_\_\_ Section: \_\_\_\_\_

Helicopter Model: \_\_\_\_\_ Page: \_\_\_\_\_

Serial Number: \_\_\_\_\_ Revision: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

## COMMENTS:

---

---

---

---

---

---

---

---

---

---

Intentionally Blank