



# Curriculum & Enrollment Guide



Helicopter Flight Training  
FAR Part 61

**J.R. AVIATION, INC.**  
(877) FLY-3668    [www.jraviation.com](http://www.jraviation.com)

## Growing Helicopter Pilot Needs and Salaries

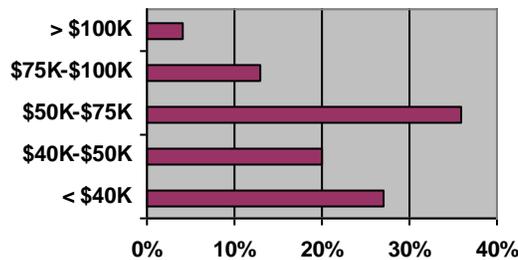
The ability to find qualified Helicopter pilots is becoming more and more difficult. Below are three of the results from a survey done in the Fall of 2008 by Conklin & de Decker. It shows the need for Helicopter pilots, the requirements they want the pilots to have in certificate and ratings, flight experience, as well as the starting salaries in those positions. It proves that now is the best time to go into Helicopter training, build up your time and move on to a very promising career in the Helicopter Industry.

The beginning salary ranges are starting salaries if you meet the certificate and experience requirements the employer is requesting. This is not for a brand new Commercial Pilots with 150 hours of flight time experience. The majority of pilots will progress by attaining their Certified Flight Instructor (CFI) Rating and building flight time while teaching others. This is a great way to build time and improve your piloting skills. A great amount of experience comes from training someone else.

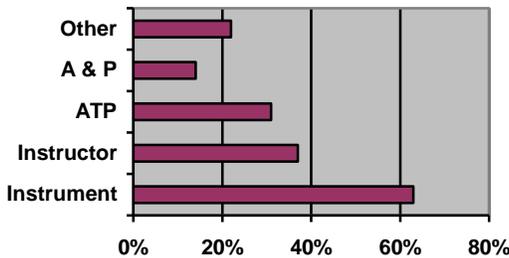
Another good way to make yourself more desirable over other CFI's or Pilots is to obtain your Instrument and CFII (CFI for Instrument) Ratings. These Ratings are highly coveted by Commercial Employers; in addition some companies who request their pilot have an ATP will accept a pilot who is CFII with lots of Instrument experience instead.

Source "2009 Helicopter Annual" article by Brandon Battles

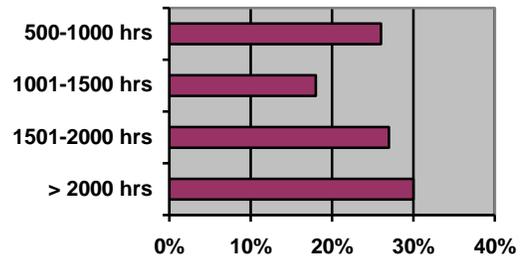
**Beginning Salary Range**



**Preferred Certificates or Ratings**



**Preferred Flight Hour Experience**



### **HELICOPTER JOB MARKET**

Upon completion of the Professional Helicopter Pilot Course, J.R. Aviation will assist students with employment searches. The Helicopter pilot market is as vibrant as ever, even with the recent decline in the airline industry. Many former military pilots are rapidly reaching retirement age, and in the foreseeable future, the majority of new helicopter pilots will come from commercial flight schools like J.R. Aviation.

Entry level positions usually involve some flight instruction, and typical compensation ranges from \$20,000 to \$30,000 for Helicopter pilots with less than 500 flight hours. The top industry segment is the Emergency Medical Services Helicopter pilot with minimum experience requirements typically in the 2000 to 3000 hour range and compensation in the \$45,000 to \$80,000 range in 2008 dollars. Top compensation in the industry is usually large flight department managers who typically make \$100,000+ annually. The following examples are just a few additional Helicopter pilot job descriptions:

- |                    |                           |                      |                    |               |
|--------------------|---------------------------|----------------------|--------------------|---------------|
| Flight Instructor  | Marine Patrol             | Sightseeing Trips    | Security Patrol    | Fish Spotting |
| Aerial Photography | Emergency Medical Service | Executive Charter    | Bank Pick-Up       | News Reports  |
| Off-Shore Oil      | Powerline Patrol          | Aerial Fire Fighting | Aerial Application | External Load |
| Law Enforcement    | Motion Pictures           | Timber Harvester     | Geological/Seismic | Forestry      |

## COURSE OUTLINES

<b>PPL 100</b> <b>Private Pilot</b> <b>Rotorcraft/Helicopter</b>	<b>PPL 110</b> <b>Private Pilot Add-On</b> <b>Rotorcraft/Helicopter</b>	<b>CPL 200</b> <b>Commercial Pilot</b> <b>Rotorcraft/Helicopter</b>	<b>CPL 210</b> <b>Commercial Add-On</b> <b>Rotorcraft/Helicopter</b>
<p>The Private Pilot License is for individuals who plan to fly for personal business and/or pleasure, and not engage in work for compensation or hire.</p> <p>Eligibility requirements: To be eligible for a Private Pilot Certificate, a person must:</p> <ol style="list-style-type: none"> <li>(1) Be at least 17 years of age.</li> <li>(2) Be able to read, speak, write, and understand the English language, or have such operating limitations placed on his/her pilot certificate as are necessary for safety.</li> <li>(3) Hold at least a valid third-class medical certificate.</li> <li>(4) Pass a FAA written, oral, and flight examination.</li> <li>(5) Obtain a minimum of 40 flight hours.</li> </ol> <p>FAA MINIMUM.....40 HOURS                      Dual .....20 hours                      Solo.....10 hours                      *Solo or Dual ....10 Hours                      Ground School (Approx 10 hours)</p> <ul style="list-style-type: none"> <li>• FAA Written Exam</li> <li>• Books &amp; Supplies</li> <li>• FAA Examiner Fee</li> <li>• 3<sup>rd</sup> Class Medical</li> <li>• FAA Flight Test</li> </ul> <p>Average course completion time: 4 to 6 weeks</p> <p><b>MINIMUM COST \$15,600*</b>                      *Minimum cost is based on FAA minimums for flight time. Actual cost will depend on student performance. The additional 10 hours of flight time can be either solo or dual, depending on student performance.</p>	<p>If a pilot already holds a private fixed-wing license, and would like a private helicopter license, this is considered an additional aircraft rating, rotorcraft/helicopter. You are adding on to your existing pilot license. Pilots <u>will not</u> be required to take an additional written exam. International pilots, who have never taken a FAA written exam, will be required to do so, or a restriction will be placed on their FAA license.</p> <p>FAA MINIMUM.....30 HOURS                      Dual .....20 hours                      Solo.....10 hours                      Ground School (Approx 10 hours)</p> <ul style="list-style-type: none"> <li>• Books &amp; Supplies</li> <li>• FAA Examiner Fee</li> <li>• FAA Flight Test</li> </ul> <p>Average course completion time: 3 to 6 weeks</p> <p><b>MINIMUM COST \$11,990*</b>                      *Minimum cost is based on FAA minimums for flight time. Actual cost will depend on student performance.</p>	<p>The Commercial License is for students planning to engage in pilot tasks for compensation or hire. The commercial training includes requirements in addition to the requirements for PPL 100.</p> <p>Eligibility requirements: To be eligible for a Commercial Pilot Certificate, a person must:</p> <ol style="list-style-type: none"> <li>(1) Be at least 18 years of age.</li> <li>(2) Be able to read, speak, write, and understand the English language, or have such operating limitations placed on his/her pilot certificate as are necessary for safety.</li> <li>(3) Hold at least a valid second-class medical certificate.</li> <li>(4) Pass a FAA written, oral, and flight examination.</li> <li>(5) Obtain a minimum of 150 flight hours.</li> </ol> <p>FAA MINIMUM...150 HOURS (private through commercial)                      Dual .....40 hours                      Solo/PIC .....110 hours                      Ground School (Approx 10 hours)</p> <ul style="list-style-type: none"> <li>• FAA Written Exam</li> <li>• Books &amp; Supplies</li> <li>• FAA Examiner Fee</li> <li>• 2nd Class Medical</li> <li>• FAA Flight Test</li> </ul> <p>Average course completion time: 3 to 6 months</p> <p><b>MINIMUM COST \$48,825*</b>                      *Minimum cost is based on FAA minimums for flight time. Actual cost will depend on student performance.</p>	<p>If a pilot holds a Private Fixed-Wing License, and wants a Commercial Helicopter License, this is considered an additional aircraft rating, rotorcraft/helicopter. You are adding to your Commercial Fixed-Wing Rating, pilots <u>will not</u> be required to take an additional written exam. International pilots, who have never taken a FAA written exam, will be required to do so, or a restriction will be placed on their FAA license.</p> <p>FAA MINIMUM.....55 HOURS                      Dual .....15 hours                      Dual IFR . . . .5 hours                      Solo.....35 hours                      Ground School (Approx 10 hours)</p> <ul style="list-style-type: none"> <li>• Books &amp; Supplies</li> <li>• FAA Examiner Fee</li> <li>• FAA Flight Test</li> </ul> <p>Average course completion time: 4 to 6 weeks</p> <p><b>MINIMUM COST \$20,690*</b>                      *Minimum cost is based on FAA minimums for flight time. Actual cost will depend on student performance.</p>

**COURSE OUTLINES**

<p><b>IPL 300</b> <b>Instrument Pilot</b> <b>Rotorcraft/Helicopter</b></p>	<p><b>IPL 310</b> <b>Instrument Add-On</b> <b>Rotorcraft/Helicopter</b></p>	<p><b>CFI 400</b> <b>Certified Flight Instructor</b> <b>Rotorcraft/Helicopter</b></p>	<p><b>CFI 410</b> <b>CFI Add-On</b> <b>Rotorcraft/Helicopter</b></p>
<p>Many employers, such as EMS(Emergency Medical Services) and Offshore Oil Transport Operators require an Instrument Rating.</p> <p>FAA Requirements: To be eligible for an Instrument Rating (helicopter) a person must: (1) Hold a Private Helicopter Certificate. (2) Have at least 50 hours of PIC cross-country flight in a powered aircraft with other than a student pilot certificate. Each cross-country flight must have a landing at a point more than 50 nautical miles from the original departure point, and have at least 40 hours of instrument training. (3) Pass a FAA written, oral, and flight examination.</p> <p>FAA MINIMUM.....40 HOURS Dual .....40 Hours Ground School (Approx 20 Hours)</p> <ul style="list-style-type: none"> <li>• FAA Written Exam</li> <li>• Books &amp; Supplies</li> <li>• FAA Examiner Fee</li> <li>• FAA Flight Test</li> </ul> <p>Average course completion time: 4 to 6 weeks</p> <p><b>MINIMUM COST \$29,130*</b> *Minimum cost is based on FAA minimums for flight time. Actual cost will depend on student performance.</p>	<p>FAA Requirements: To be eligible for an Instrument Add-On (Helicopter) a person must: (1) Hold a Private Helicopter Certificate. (2) Hold an Airplane Instrument Rating. (3) Pass a FAA oral and flight examination. (4) Obtain 15 hours of instrument helicopter instruction.</p> <p>FAA MINIMUM.....15 HOURS Dual .....15 Hours Ground School (Approx 10 Hours)</p> <ul style="list-style-type: none"> <li>• Books &amp; Supplies</li> <li>• FAA Examiner Fee</li> <li>• FAA Flight Test</li> </ul> <p>Average course completion time: 1 to 3 weeks</p> <p><b>MINIMUM COST \$11,700*</b> *Minimum cost is based on FAA minimums for flight time. Actual cost will depend on student performance.</p>	<p>As a low time pilot, the best way to continue your education and build flight time is to become a Certified Flight Instructor.</p> <p>FAA Requirements: To be eligible for a Certified Flight Instructor Rating a person must: (1) Hold either a Commercial Helicopter Certificate or Airline Transport Pilot Certificate. (2) Pass a FAA written, oral, and flight examination. (3) Obtain at least 3 hours of helicopter instruction and any necessary as to be proficient to pass the FAA flight examination.</p> <p>FAA MINIMUM..... 3 HOURS Dual .....Approx 10 Hours Ground School (Approx 15 Hours)</p> <ul style="list-style-type: none"> <li>• Two-part FAA Written Exam</li> <li>• Books &amp; Supplies</li> <li>• FAA Examiner Fee</li> <li>• FAA Flight Test</li> </ul> <p>Average course completion time: 3 to 5 weeks</p> <p><b>MINIMUM COST \$5,630*</b> *Minimum cost is based on average minimums for flight time. Actual cost will depend on student performance.</p>	<p>FAA Requirements: To be eligible for a CFI Add-On (Helicopter) a person must: (1) Hold either a Commercial Pilot Certificate or Airline Transport Pilot Certificate for Helicopter. (2) Hold any other Category and Class CFI Rating. (3) Pass a FAA written, oral and flight examination. (4) Obtain 15 hours of helicopter instruction.</p> <p>FAA MINIMUM..... 15 HOURS Dual ..... 15 Hours Ground School (Approx 10 hours)</p> <ul style="list-style-type: none"> <li>• FAA Written Exam</li> <li>• Books &amp; Supplies</li> <li>• FAA Examiner Fee</li> <li>• FAA Flight Test</li> </ul> <p>Average course completion time: 3 to 5 weeks</p> <p><b>MINIMUM COST \$7,126*</b> *Minimum cost is based on FAA minimums for flight time. Actual cost will depend on student performance.</p>

## COURSE OUTLINES

<b>PRO 500</b> <b>Professional Pilot</b> <b>Rotorcraft/Helicopter</b>	<b>HII 600</b> <b>CFI-Instrument</b> <b>Rotorcraft/Helicopter</b>	<b>HII 610</b> <b>CFI-Instrument Add-On</b> <b>Rotorcraft/Helicopter</b>	<b>EXT 700</b> <b>External Load</b> <b>Rotorcraft/Helicopter</b>
<p>The Professional Pilot Course is an intensive training course for people who want to become a professional helicopter pilot. This course is highly recommended to get the most for your training dollars. It allows an individual to meet the qualifications for an Instrument Rating, Flight Instructor Rating, and an Instrument Flight Instructor Rating. For little additional cost an External Load Rating can be added.</p> <p>Course includes:</p> <ul style="list-style-type: none"> <li>✓ 200 Hours flight time 110 Dual     (50 hours R-44 Dual)     (60 hours R-22 Dual) 90 Hours solo</li> <li>✓ 70 hours ground school</li> <li>✓ Private Helicopter</li> <li>✓ Commercial Helicopter</li> <li>✓ Instrument Helicopter</li> <li>✓ Certified Flight Instructor</li> <li>✓ Certified Instrument Flight Instructor</li> <li>✓ Books &amp; Supplies</li> <li>✓ FAA Written Exams</li> <li>✓ FAA Examiner Fees</li> <li>✓ FAA Flight Tests</li> </ul> <p>Average course completion time: 8 to 12 months</p> <p><b>MINIMUM COST \$91,865*</b> *Minimum cost is based on 200 flight hours and 70 ground school hours. Actual cost will depend on student performance.</p>	<p>A Certified Flight Instructor for Instrument allows you to teach Instrument to students and better further your career, in addition to staying current on Instrument flying. Being a CFII also makes you more versatile and valuable to any perspective employer.</p> <p>FAA Requirements: To be eligible for a CFI-Instrument (Helicopter) a person must:</p> <ol style="list-style-type: none"> <li>(1) Hold a Commercial/Instrument Helicopter Certificate or Airline Transport Pilot Certificate.</li> <li>(2) Pass a FAA written, oral and flight examination.</li> <li>(3) Hold an CFI Helicopter Rating.</li> <li>(4) Obtain at least 3 hours of helicopter instruction and any necessary as to be proficient to pass the FAA flight examination.</li> </ol> <p>FAA MINIMUM... 3 HOURS Dual ..... Approx 10 Hours Ground School (Approx 6 Hours)</p> <ul style="list-style-type: none"> <li>• FAA Written Exam</li> <li>• Books &amp; Supplies</li> <li>• FAA Examiner Fee</li> <li>• FAA Flight Test</li> </ul> <p>Average course completion time: 1 to 3 weeks</p> <p><b>MINIMUM COST \$8,225*</b> *Minimum cost is based on average minimums for flight time. Actual cost will depend on student performance.</p>	<p>FAA Requirements: To be eligible for a CFI-Instrument Add-On (Helicopter) a person must:</p> <ol style="list-style-type: none"> <li>(1) Hold a Commercial/Instrument Helicopter Certificate or Airline Transport Pilot Certificate.</li> <li>(2) Hold an CFI Helicopter Rating.</li> <li>(3) Pass a FAA written, oral and flight examination.</li> <li>(4) Obtain 15 hours of helicopter instruction.</li> </ol> <p>FAA MINIMUM..... 15 HOURS Dual ..... 15 Hours Ground School (Approx 10 Hours)</p> <ul style="list-style-type: none"> <li>• FAA Written Exam</li> <li>• Books &amp; Supplies</li> <li>• FAA Examiner Fee</li> <li>• FAA Flight Test</li> </ul> <p>Average course completion time: 1 to 3 weeks</p> <p><b>MINIMUM COST \$11,820*</b> *Minimum cost is based on FAA minimums for flight time. Actual cost will depend on student performance.</p>	<p>J.R. Aviation Requirements: To be eligible for External Load training a person must:</p> <ol style="list-style-type: none"> <li>(1) Hold at least a Private Helicopter Certificate.</li> <li>(2) Logged at least 90 Hours Rotorcraft Helicopter Flight Time.</li> <li>(3) Obtain 15 hours of helicopter external load instruction.</li> </ol> <p>FAA MINIMUM....NONE Dual..... Approx 15 Hours Ground School (Approx 10 Hours)</p> <ul style="list-style-type: none"> <li>• Books &amp; Supplies</li> <li>• Ground Handling Crew</li> </ul> <p>Average course completion time: 2 to 3 weeks</p> <p><b>MINIMUM COST \$10,642*</b> *Minimum cost is based on average minimums for flight time. Actual cost will depend on student performance.</p>

**Additional Courses**

With J.R. Aviation’s experience, we have found that the following courses are easily misquoted due to the pilot’s previous experience. J.R. Aviation has chosen to quote on an individual basis. Please contact J.R. Aviation with your pilot history so that we may properly quote cost, time, etc., and answer any questions you may have.

- ✓ Airline Transport Pilot
- ✓ Flight Reviews
- ✓ Recurrence Training

**License Conversion**

For information on converting your FAA license, contact the Department of Transportation in the country in which you wish to convert your license.

## **ENROLLMENT PROCEDURES**

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To begin the enrollment process, fill out the Enrollment Application and return it to J.R. Aviation, Inc. Students will be notified upon receipt of their application. For out-of-state students requiring special assistance please be sure to indicate so on your application. If you should have to make any changes, please notify us as soon as possible. If a student fails to notify J.R. Aviation of any changes with special arrangements, J.R. Aviation cannot guarantee reservations, prices, or availability.

Students applying early may wish to start their reading prior to their arrival. A list of books is provided; it is recommended that you call us for assistance in selecting the appropriate books.

### **PAYMENT**

Students may choose from two payment plans:

1. Payment can be made following each flight or ground school session.
2. Students may start an account, and replenish the funds as needed. Discounts are available for pre-payment of flight time. Payment can be made with: cash, personal check, travelers checks, MasterCard, Visa, or American Express.

### **FINANCIAL ASSISTANCE**

Financial Aid for flight training can be obtained through the following institutions:

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. AOPA (Aircraft Owners &amp; Pilots Association)</li> <li>PO Box 861</li> <li>Frederick, MD 21701-9870</li> <li>1-800-847-7378</li> </ol> | <ol style="list-style-type: none"> <li>2. J.R. Aviation, Inc.</li> <li>In-House Financing</li> <li>(812) 246-5761</li> </ol> |
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### **AIRPORT ENVIRONMENT**

Clark Regional Airport (JVY) is the 2<sup>nd</sup> busiest airport in the state of Indiana. It is an excellent facility with two FBO's, and multiple other specialty operators (helicopter, vintage war bird restoration, propeller, and avionics shops). We have a complete array of instrument approaches to JVY including: ILS, VOR, NDB, and GPS and we are only 9 miles from a general aviation Class D Airport, and 11 miles from a Class C International Airport (SDF).

### **GROUND SCHOOL**

In preparation for the written tests, along with the oral exam, each instructor will cover the material necessary through a combination of ground school and home study. Each student receives a ground syllabus to help guide them through their studies, and will also be required to take a series of stage tests to assure his/her instructor that the information thus far has been clearly understood. All ground school is taught one-on-one allowing each student to progress at the speed best suited for him/her, and will be scheduled to coincide with the flight training.

### **EQUIPMENT**

J.R. Aviation uses primarily the Robinson R22 for flight training. The Robinson is considered to be "The World's Most Efficient Helicopter", and is used throughout the world for a variety of tasks. This helicopter is a high performance, fast, reliable aircraft, and due to reduced maintenance and operating expenses, it enables J.R. Aviation to keep flight training cost to a minimum.

### **MEDICAL**

Prior to solo flight, students must have a first, second, or third class FAA medical, depending on the pilot certificate to be obtained. Student medicals can be scheduled with a FAA physician in close proximity to the school. International students with a medical from another country are required to have a FAA medical for their FAA license.

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## ENROLLMENT PROCEDURES

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**CAR RENTAL**

Car rentals can be made through J.R. Aviation, and your car can be picked up at the school. When making your reservations, be sure to specify the size of car you wish to rent.

**ACCOMMODATIONS**

J.R. Aviation understands the special arrangements needed for our out-of-state students, and is prepared to assist you with your reservations. A variety of accommodations are available in close proximity to the airport. It is advised to make your request for accommodations known in advance, so that we can secure reservations prior to your arrival.

**SOUTHERN INDIANA**

We are conveniently located in Southern Indiana just north of downtown Louisville, Kentucky. From the affordable cost of living to the moderate climate and rolling terrain this region seems to have something for just about everyone. Some popular sights to see and things to do are:

Kentucky Center for the Arts	Louisville Slugger Museum	Churchill Downs
Holiday World	Kentucky Derby Museum	Fort Knox/The Patton Museum
Horseshoe Riverboat Casino	Semi-Pro Baseball	Louisville Zoo
Falls of the Ohio	Mammoth Cave	Indianapolis Motor Speedway
Kentucky Speedway	French Lick Resort & Casino	Numerous Historical Locations

No matter what your style of entertainment may be, dancing, theater, concert, or a night out on the town, Louisville has it all. Please visit the following websites to learn more about this diverse and growing region: [sunnysideoflouisville.org](http://sunnysideoflouisville.org) and [greaterlouisville.com](http://greaterlouisville.com).

**PRICE LIST**

**BOOKS AND SUPPLIES**

_____	RHC Flight Training Guide	\$60.00
_____	R22 Pilot Operation Handbook	\$56.00
_____	Rotorcraft Flying Handbook	\$32.44
_____	Aviation Weather/ Weather Services	\$31.19
_____	FAR/AIM	\$31.90
_____	Private Test Prep	\$22.45
_____	Private Oral Exam Guide	\$14.95
_____	Helicopter Oral Exam Guide	\$19.95
_____	Practical Test Standards Private for Helicopter	\$12.95
_____	Pilot Log Book	\$18.50
_____	Flight Computer E6B	\$35.05
_____	VFR Kneeboard	\$19.50
_____	Plotter	\$13.69
_____	R44 Pilot Operation Handbook	\$56.00
_____	Commercial Oral Exam Guide	\$14.95
_____	Commercial Test Prep	\$22.45
_____	Practical Test Standards Commercial/CFI for Helicopter	\$12.95
_____	Certified Flight Instructor Oral Exam Guide	\$14.95
_____	Certified Flight Instructor Test Prep	\$25.95
_____	Instrument Flying Handbook	\$32.45
_____	Instrument Oral Exam Guide	\$14.95
_____	Instrument Test Prep	\$25.95
_____	Practical Test Standards Instrument for Helicopter	\$12.95

Subtotal	\$ _____
IN Tax 7%	\$ _____
Postage	\$ _____
<b>TOTAL</b>	<b>\$ _____</b>

**HOURLY FLIGHT INSTRUCTION RATES**

R22 Helicopter Rental	\$275 + tax
R22 Flight Instructor Labor (using J.R. Aviation's helicopter)	\$75
Ground Instruction	\$70
R22 Flight Instructor Labor (using student's helicopter)	\$95
R44 Helicopter Rental	\$540 + tax
R44 Flight Instructor Labor (using J.R. Aviation's helicopter)	\$85
R44 Flight Instructor Labor (using student's helicopter)	\$105
Cancellation Fee (Less than 24 hour notice)	\$95
FAA Pilot Examiner Fee	\$400

**SERVICES ARRANGED BY BUT NOT PROVIDED BY J.R. AVIATION**

FAA Written Exams	\$150
FAA Medical Exams	\$90 (approx.)