

# Federal Aviation Administration (FAA) Part 107 Remote Pilot Certification Course (40 hours)

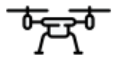


Martinez Aerial, LLC., an Arizona aerial imaging company since 2015, is offering a complete training course to prepare students to take the FAA's Remote Pilot Exam (drones). In 2016 the FAA established a certification process for individuals desiring to use Unmanned Aerial Systems (UAS) commercially and for public agencies' staff to deploy UAS in support of police and fire operations to lawfully operate these systems.

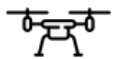
This 40-hour course can be delivered over a time period, to accommodate emergency personnel work schedules, or as a one week course. Topics will include:



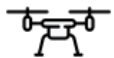
A legal history of UAS federal and state statutes



Federal Aviation Administration Regulations (14 CFR Part 107)



National Airspace System



Aviation Weather and its effects on small UAS



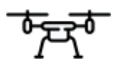
Aeronautical Charts (sectionals)



Aeromedical Factors



Night Flying and Part 107.29 waivers, Visual Observer Qualifications



Aeronautical Decision Making (ADM) and Crew Resource Management (CRM)



The Aerodynamics of UAS



Flight Training (hands on)



Intensive preparation for the Part 107 Exam



Guidelines for Establishing a Public Agency Aviation Program

**Your instructor will provide one-on-one tutoring to any student failing to pass the FAA exam for a period of six months from exam date at no extra cost**

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Call for estimates

Your Instructor

Luis joined the [Civil Air Patrol \(US Air Force Auxiliary\)](#) Puerto Rico Wing as a high school cadet, beginning his flight lessons in 1969 under a CAP pilot program. After his first solo flight on October 13, 1969, he was selected by the CAP to continue the training towards a Private Pilot certificate (#2032677) and attended a flight summer camp at the University of Oklahoma/ Norman campus, sponsored by the US Air Force, during July 1970. He received his Private Pilot certificate and his CAP pilot wings at a ceremony on the campus in July 1970.

In 1971 he enlisted in the US Army. During Luis' Army service he re-joined the Civil Air Patrol as a senior member and qualified as a search and rescue (SAR) pilot while serving with the Arizona Wing. In 1973 the army transferred him to Hawaii where he began to pursue his commercial pilot certificate using the G.I. Bill. During his 3 years stationed in Hawaii, Luis flew [SAR missions](#) for the CAP Hawaii Wing and completed his commercial pilot certificate (#2032677). He accumulated ~400 hours in his logbook and flew in the skies over Arizona, Korea, and Hawaii, in addition to his native P.R. In 1979, Luis decided to pursue a career in law enforcement upon returning to Arizona. In 2013, he was forced to retire for medical reasons after a 32 year police career with assignments as chief of police twice. Luis holds a Master Degree in Education and serves as adjunct faculty.

In 2015 Luis obtained a Federal Aviation Administration section 333 waiver and began Martinez Aerial LLC. He obtained his (FAA) RPC (#3903555) in August 2016.

In April 2017, he was asked to assist the Maricopa Police Department in starting a Police UAS unit as a volunteer and chief pilot. Luis began a pilot training program for the department and successfully trained 6 MPD personnel to pass their FAA Remote Pilot certificate, simultaneously writing an operating manual for the agency. He still operates his business, Martinez Aerial LLC. His UAS logbook shows 200 hours in Quadcopters, Hexacopters (8 motors) and fixed-wing VTOL as of May 2019.

Continuing Training

FAA	Positive Aircraft Control	7/2015 3 hours
AOPA	Unmanned Aircraft and the National Airspace System	7/2015 3 hours
AOPA	Decision Making for Pilots	7/2015 3 hours
UAVCoach	Mapping and Modeling 101	1/2016 3 hours
FAA	small Unmanned Aircraft Systems (sUAS)	6/2016 4 hours
UAVCoach	Aerial Thermography	4/2017 3 hours
GOLDSEAL	sUAS Night Operation Endorsement	3/20/17 1 hour
Birdseyeview	FireFly6 VTOL factory Flight School	7/19/17 20 hours
ITC/FLIR	Level 1 Thermography	1/19/18 32 hours
DRONEBASE	Stockpile Reports	9/26/18
ITC	IR for UAS Public Safety Operations	1/24/19
Laser Inc	Drone Mapping: Ground & Aerial Measurements	2/5/19
NC Public Safety		
Drone Academy UAS	Visual Observer train-the-trainer	4/9/19 1 hour
Tower Safety & Instruction	ANSI/TIA222-G Tower Inspections and Conditions Assessment	4/16/19 8 hours
Drone Academy UAS	Incident Command UAS Operations	4/23/19 1 hour

**TOTAL 82 hours**