

At Martinez Aerial we do not train “drone pilots.”
We train UAS Aviators.

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



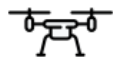
Aeronautical Charts (sectionals)



Aeromedical Factors



Night Flying



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



The Aerodynamics of UAS



Flight Training (hands on)



Basic Proficiency Flight Evaluation for remote Pilots*



Intensive preparation for the Part 107 Exam



Guidelines for Establishing a Public Agency Aviation Program

* Based on the National Institute of Standards and Technology (NIST) Standard Test Methods for Small Unmanned Aircraft Systems.

Federal Aviation Administration regulations require public agency UAS pilots to be certificated under FAA Part 107 or operate under a Certificate of Authorization (COA).

515 E. BARRUS PLACE
CASA GRANDE
ARIZONA 85122-1601
TEL (520) 705-4268 FAX (602) 650-0684

Email: kd7gmk@gmail.com



Call for a quote
(520) 705-4268

Your Instructor

Luis E. Martinez completed his first airplane solo flight on October 13, 1969, he was then selected by the Civil Air Patrol 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. 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. . 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 1979, Luis decided to pursue a career in law enforcement upon returning to Arizona. In 2013, he retired 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 currently serves as UAS Chief Pilot with the Regional Fire and Rescue Department (AZ) and still operates his business, Martinez Aerial LLC. His UAS logbook shows 300 hours in Quadcopters, Hexacopters (8 motors) and fixed-wing VTOL as of March 2021.

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	3hours
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	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	ANSI/TIA222-G Tower Inspections		
& Instruction	and Conditions Assessment	4/16/19	8 hours
Drone Academy	UAS Incident Command UAS Operations	4/23/19	1 hour
Drone Academy	UAS Radio Communications for Public Safety UAS	5/28/19	1 hour
ITC	sUAS Level I Thermography	12/6/19	32 hours

Your instructor will provide one-on-one tutoring (within Pinal County) to any paid student failing to pass the FAA exam for a period of 3 months from first exam date for UP TO three (3) retakes at no extra cost

* Based on the National Institute of Standards and Technology (NIST) Standard Test Methods for Small Unmanned Aircraft Systems.

Airborne Public Safety Association (APSA)	Advanced Drone Topics	6/26/20	1 hour
APSA	Safety Management Systems Overview for Public Safety Drones Overview	11/2/20	1 hour
APSA	Manned/Unmanned Aircraft De-confliction	11/16/20	1 hour
APSA	Aviation Accident Trends	11/20/20	1 hour
APSA	Use of Drones in Firefighting Missions	12/14/20	1 hour
APSA	Emergency Management Use of Drones	12/18/20	1 hour
APSA	Battery Care for Drones	1/8/21	1 hour
		<u>TOTAL</u>	<u>122 hours</u>

* Based on the National Institute of Standards and Technology (NIST) Standard Test Methods for Small Unmanned Aircraft Systems.